> G=

$$1 + \frac{1}{16384} \left(e^{(-m\,r)}\right)^{6} f0^{8}\,\mathrm{Ei}(-2\,m\,r) + \frac{793}{221184} \left(e^{(-m\,r)}\right)^{6} f0^{6} + \frac{166817}{169869312} \left(e^{(-m\,r)}\right)^{8} f0^{8}$$

$$+ \frac{10210927}{45298483200} \left(e^{(-m\,r)}\right)^{10} f0^{10} + \frac{1}{24} \left(e^{(-m\,r)}\right)^{2} f0^{2} + \frac{11}{1536} \left(e^{(-m\,r)}\right)^{4} f0^{4}$$

$$+ \frac{419}{339738624} \left(e^{(-m\,r)}\right)^{8} f0^{10}\,\mathrm{Ei}(-2\,m\,r) + \frac{2933}{5435817984} \left(e^{(-m\,r)}\right)^{8} f0^{12}\,\mathrm{Ei}(-4\,m\,r)$$

$$+ \frac{680435959}{4924686192529637376} \left(e^{(-m\,r)}\right)^{10} f0^{20}\,\mathrm{Ei}(-10\,m\,r)$$

$$+ \frac{4333987}{347892350976} \left(e^{(-m\,r)}\right)^{4} f0^{14}\,\mathrm{Ei}(-10\,m\,r) + \frac{117739}{695784701952} \left(e^{(-m\,r)}\right)^{8} f0^{14}\,\mathrm{Ei}(-6\,m\,r)$$

$$+ \frac{7}{12288} \left(e^{(-m\,r)}\right)^{4} f0^{8}\,\mathrm{Ei}(-4\,m\,r) + \frac{1099}{173946175488} \left(e^{(-m\,r)}\right)^{10} f0^{14}\,\mathrm{Ei}(-4\,m\,r) - \Bigg($$

$$- \frac{1}{32768} \left(e^{(-m\,r)}\right)^{6} f0^{8}\,\mathrm{Ei}(-2\,m\,r) - \frac{119}{73728} \left(e^{(-m\,r)}\right)^{6} f0^{6} - \frac{17291}{42467328} \left(e^{(-m\,r)}\right)^{8} f0^{8}$$

$$- \frac{788743}{9059696640} \left(e^{(-m\,r)}\right)^{10} f0^{10} + \frac{1}{24} \left(e^{(-m\,r)}\right)^{2} f0^{2} - \frac{1}{768} \left(e^{(-m\,r)}\right)^{4} f0^{4}$$

$$- \frac{419}{679477248} \left(e^{(-m\,r)}\right)^{8} f0^{10}\,\mathrm{Ei}(-2\,m\,r) - \frac{419}{1811939328} \left(e^{(-m\,r)}\right)^{8} f0^{12}\,\mathrm{Ei}(-4\,m\,r)$$

$$- \frac{81661195}{1641562064176545792} \left(e^{(-m\,r)}\right)^{10} f0^{20}\,\mathrm{Ei}(-10\,m\,r)$$

$$- \frac{520135}{115964116992} \left(e^{(-m\,r)}\right)^{4} f0^{14}\,\mathrm{Ei}(-10\,m\,r) - \frac{15503}{231928233984} \left(e^{(-m\,r)}\right)^{8} f0^{14}\,\mathrm{Ei}(-6\,m\,r)$$

$$- \frac{1}{4096} \left(e^{(-m\,r)}\right)^{4} f0^{8}\,\mathrm{Ei}(-4\,m\,r) - \frac{157}{57982058496} \left(e^{(-m\,r)}\right)^{10} f0^{14}\,\mathrm{Ei}(-4\,m\,r) + \frac{1}{3}\,\frac{1}{m\,r}$$

$$- \frac{1}{48} \left(e^{(-m\,r)}\right)^{2} f0^{4}\,\mathrm{Ei}(-2\,m\,r)\,m\,r - \frac{37}{524288} \left(e^{(-m\,r)}\right)^{4} f0^{10}\,\mathrm{Ei}(-6\,m\,r)$$

$$- \frac{111}{33554432} \left(e^{(-m\,r)}\right)^{6} f0^{12}\,\mathrm{Ei}(-6\,m\,r) - \frac{520135}{2473901162496} \left(e^{(-m\,r)}\right)^{6} f0^{16}\,\mathrm{Ei}(-10\,m\,r)$$

$$- \frac{1}{1536} \left(e^{(-m\,r)}\right)^{4} f0^{6}\,\mathrm{Ei}(-2\,m\,r) - \frac{3113}{169869312} \left(e^{(-m\,r)}\right)^{4} f0^{12}\,\mathrm{Ei}(-8\,m\,r)$$

$$- \frac{3}{262144} \left(e^{(-m\,r)}\right)^{6} f0^{10}\,\mathrm{Ei}(-4\,m\,r) - \frac{217936565}{51298814505517056} \left(e^{(-m\,r)}\right)^{8} f0^{18}\,\mathrm{Ei}(-10\,m\,r)$$

$$- \frac{3113}{3623878656} \left(e^{(-m\,r)}\right)^6 f0^{14}\, \mathrm{Ei}(-8\,m\,r) - \frac{488741}{2404631929946112} \left(e^{(-m\,r)}\right)^{10} f0^{18}\, \mathrm{Ei}(-8\,m\,r)$$

$$- \frac{1304347}{75144747810816} \left(e^{(-m\,r)}\right)^8 f0^{16}\, \mathrm{Ei}(-8\,m\,r) - \frac{157}{21743271936} \left(e^{(-m\,r)}\right)^{10} f0^{12}\, \mathrm{Ei}(-2\,m\,r)$$

$$- \frac{5809}{7421703487488} \left(e^{(-m\,r)}\right)^{10} f0^{16}\, \mathrm{Ei}(-6\,m\,r)$$

$$- \frac{227249}{146767085568} \left(e^{(-m\,r)}\right)^6 f0^{14}\, \mathrm{Ei}(-8\,m\,r)\, m\,r - \frac{2701}{452984832} \left(e^{(-m\,r)}\right)^6 f0^{12}\, \mathrm{Ei}(-6\,m\,r)\, m\,r$$

$$- \frac{185}{75497472} \left(e^{(-m\,r)}\right)^6 f0^{12}\, \mathrm{Ei}(-6\,m\,r)\, m^2\,r^2 - \frac{1}{128} \left(e^{(-m\,r)}\right)^2 f0^{6}\, \mathrm{Ei}(-4\,m\,r)\, m\,r$$

$$+ \frac{2147}{339738624} \frac{\left(e^{(-m\,r)}\right)^8 f0^8}{m^3\,r^3} - \frac{1}{73728} \frac{\left(e^{(-m\,r)}\right)^8 f0^8}{m\,r} - \frac{3871}{10871635968} \frac{\left(e^{(-m\,r)}\right)^{10} f0^{10}}{m^3\,r^3}$$

$$- \frac{1411}{1811939328} \frac{\left(e^{(-m\,r)}\right)^{10} f0^{10}}{m^4\,r^4} + \frac{5}{6144} \frac{\left(e^{(-m\,r)}\right)^4 f0^4}{m^2\,r^2} + \frac{16687}{113246208000} \frac{\left(e^{(-m\,r)}\right)^{10} f0^{10}}{m^2\,r^2}$$

$$+ \frac{5}{524288} \frac{\left(e^{(-m\,r)}\right)^8 f0^8}{m^4\,r^4} + \frac{677}{452984832} \frac{\left(e^{(-m\,r)}\right)^8 f0^8}{m^2\,r^2} - \frac{5}{6291456} \frac{\left(e^{(-m\,r)}\right)^{10} f0^{10}}{m^5\,r^5}$$

$$- \frac{565445}{2717908992} \left(e^{(-m\,r)}\right)^{10} m\,r\, f0^{10} - \frac{67}{12288} \left(e^{(-m\,r)}\right)^6 f0^6\, m\,r - \frac{5}{49152} \frac{\left(e^{(-m\,r)}\right)^6 f0^6}{m^3\,r^3}$$

$$- \frac{5}{1048576} \frac{\left(e^{(-m\,r)}\right)^{10} f0^{10}}{m\,r} - \frac{5}{192} \left(e^{(-m\,r)}\right)^4 f0^4\, m\,r - \frac{1}{12} \left(e^{(-m\,r)}\right)^2 m\,r\, f0^2$$

$$- \frac{15565}{24461180928} \left(e^{(-m\,r)}\right)^6 f0^{14}\, \mathrm{Ei}(-8\,m\,r)\, m^2\,r^2$$

$$- \frac{1217}{3623878656} \left(e^{(-m\,r)}\right)^8 f0^{12}\, \mathrm{Ei}(-4\,m\,r)\, m\,r$$

$$- \frac{18204725}{8549802417586176} \left(e^{(-m\,r)}\right)^8 f0^{18}\, \mathrm{Ei}(-10\,m\,r)\, m^2\,r^2$$

$$- \frac{633004295}{102597629011034112} \left(e^{(-m\,r)}\right)^8 f0^{18}\, \mathrm{Ei}(-10\,m\,r)\, m\,r$$

$$- \frac{35}{113246208} \left(e^{(-m\,r)}\right)^8 f0^{10}\, \mathrm{Ei}(-2\,m\,r)\, m^2\,r^2$$

$$- \frac{108955}{12524124635136} \left(e^{(-m\,r)}\right)^8 f0^{16}\, \mathrm{Ei}(-8\,m\,r)\, m^2\,r^2$$

$$- \frac{3788521}{150289495621632} (e^{(-m r)})^8 f0^{16} \mathrm{Ei}(-8 m r) m r - \frac{5}{221184} (e^{(-m r)})^6 f0^8 \mathrm{Ei}(-2 m r) m^2 r^2$$

$$- \frac{429319429}{6839841934068940800} (e^{(-m r)})^{10} f0^{20} \mathrm{Ei}(-10 m r) m r$$

$$- \frac{1}{128} (e^{(-m r)})^2 f0^6 \mathrm{Ei}(-4 m r) m^2 r^2 - \frac{1}{48} (e^{(-m r)})^2 f0^4 \mathrm{Ei}(-2 m r) m^2 r^2$$

$$- \frac{3113}{5308416} (e^{(-m r)})^2 f0^{10} \mathrm{Ei}(-8 m r) m^2 r^2 - \frac{3113}{5308416} (e^{(-m r)})^2 f0^{10} \mathrm{Ei}(-8 m r) m r$$

$$- \frac{37}{16384} (e^{(-m r)})^2 f0^8 \mathrm{Ei}(-6 m r) m^2 r^2 - \frac{520135}{77309411328} (e^{(-m r)})^4 f0^{14} \mathrm{Ei}(-10 m r) m^2 r^2$$

$$- \frac{5721485}{463856467968} (e^{(-m r)})^4 f0^{14} \mathrm{Ei}(-10 m r) m r - \frac{11}{6144} (e^{(-m r)})^4 f0^6 \mathrm{Ei}(-2 m r) m r$$

$$- \frac{73}{1327104} (e^{(-m r)})^6 f0^8 \mathrm{Ei}(-2 m r) m r - \frac{1217}{1358954496} (e^{(-m r)})^8 f0^{10} \mathrm{Ei}(-2 m r) m r$$

$$- \frac{37}{16384} (e^{(-m r)})^2 f0^8 \mathrm{Ei}(-6 m r) m r - \frac{2600675}{16698832846848} (e^{(-m r)})^6 f0^{16} \mathrm{Ei}(-10 m r) m^2 r^2$$

$$- \frac{34243}{679477248} (e^{(-m r)})^4 f0^{12} \mathrm{Ei}(-8 m r) m r - \frac{3113}{113246208} (e^{(-m r)})^4 f0^{12} \mathrm{Ei}(-8 m r) m^2 r^2$$

$$- \frac{1}{1024} (e^{(-m r)})^4 f0^6 \mathrm{Ei}(-2 m r) m^2 r^2 - \frac{520135}{3623878656} (e^{(-m r)})^2 f0^{12} \mathrm{Ei}(-10 m r) m^2 r^2$$

$$- \frac{520135}{3623878656} (e^{(-m r)})^2 f0^{12} \mathrm{Ei}(-10 m r) m r - \frac{520135}{452984832} f0^{10} \mathrm{Ei}(-10 m r) m^2 r^2$$

$$- \frac{5657}{5308416} (e^{(-m r)})^8 f0^8 m r - \frac{23}{663552} \frac{(e^{(-m r)})^6 f0^6}{m^2 r^2} - \frac{1}{16} f0^4 \mathrm{Ei}(-4 m r) m^2 r^2$$

$$- \frac{37}{2048} f0^6 \mathrm{Ei}(-6 m r) m^2 r^2 - \frac{3113}{663552} f0^8 \mathrm{Ei}(-8 m r) m^2 r^2 - \frac{1}{6} f0^2 \mathrm{Ei}(-2 m r) m^2 r^2$$

$$- \frac{7}{6710886400} (e^{(-m r)})^{10} f0^{14} \mathrm{Ei}(-4 m r) m^2 r^2$$

$$- \frac{728189}{37999121855938560} (e^{(-m r)})^{10} f0^{20} \mathrm{Ei}(-10 m r) m^2 r^2$$

$$- \frac{45029}{463856467968} (e^{(-m r)})^8 f0^{14} \mathrm{Ei}(-6 m r) m r$$

$$- \frac{1295}{38654705664} (e^{(-m r)})^8 f0^{14} \mathrm{Ei}(-6 m r) m^2 r^2$$

$$- \frac{4127}{1207959552000} \left(e^{(-m\,r)}\right)^{10} f0^{14} \operatorname{Ei}(-4\,m\,r)\,m\,r$$

$$- \frac{35}{301989888} \left(e^{(-m\,r)}\right)^{8} f0^{12} \operatorname{Ei}(-4\,m\,r)\,m^2\,r^2$$

$$- \frac{4127}{452984832000} \left(e^{(-m\,r)}\right)^{10} f0^{12} \operatorname{Ei}(-2\,m\,r)\,m\,r$$

$$- \frac{7}{2516582400} \left(e^{(-m\,r)}\right)^{10} f0^{12} \operatorname{Ei}(-2\,m\,r)\,m^2\,r^2$$

$$- \frac{21791}{278313880780800} \left(e^{(-m\,r)}\right)^{10} f0^{18} \operatorname{Ei}(-8\,m\,r)\,m^2\,r^2$$

$$- \frac{12847351}{50096498540544000} \left(e^{(-m\,r)}\right)^{10} f0^{18} \operatorname{Ei}(-8\,m\,r)\,m\,r$$

$$- \frac{259}{858993459200} \left(e^{(-m\,r)}\right)^{10} f0^{16} \operatorname{Ei}(-6\,m\,r)\,m^2\,r^2$$

$$- \frac{152699}{154618822656000} \left(e^{(-m\,r)}\right)^{10} f0^{16} \operatorname{Ei}(-6\,m\,r)\,m\,r$$

$$- \frac{407}{2097152} \left(e^{(-m\,r)}\right)^{4} f0^{10} \operatorname{Ei}(-6\,m\,r)\,m\,r - \frac{111}{1048576} \left(e^{(-m\,r)}\right)^{4} f0^{10} \operatorname{Ei}(-6\,m\,r)\,m^2\,r^2$$

$$- \frac{3}{8192} \left(e^{(-m\,r)}\right)^{4} f0^{8} \operatorname{Ei}(-4\,m\,r)\,m^2\,r^2 - \frac{11}{16384} \left(e^{(-m\,r)}\right)^{4} f0^{8} \operatorname{Ei}(-4\,m\,r)\,m\,r$$

$$- \frac{5}{589824} \left(e^{(-m\,r)}\right)^{6} f0^{10} \operatorname{Ei}(-4\,m\,r)\,m^2\,r^2 - \frac{73}{3538944} \left(e^{(-m\,r)}\right)^{6} f0^{10} \operatorname{Ei}(-4\,m\,r)\,m\,r$$

$$- \frac{37969855}{100192997081088} \left(e^{(-m\,r)}\right)^{6} f0^{16} \operatorname{Ei}(-10\,m\,r)\,m\,r - \frac{1}{12288} \frac{\left(e^{(-m\,r)}\right)^{6} f0^{6}}{m^4\,r^4}$$

$$\left. + \frac{1}{196608} \frac{\left(e^{(-m\,r)}\right)^{8} f0^{8}}{m^5\,r^5} - \frac{1}{3145728} \frac{\left(e^{(-m\,r)}\right)^{10} f0^{10}}{m^6\,r^6} - \frac{1}{48} \frac{\left(e^{(-m\,r)}\right)^{2} f0^{2}}{m^2\,r^2} + \frac{1}{768} \frac{\left(e^{(-m\,r)}\right)^{4} f0^{4}}{m^3\,r^3} \right)$$

$$\left(1 + \frac{793}{221184} \left(e^{(-m\,h)}\right)^{6} f0^{6} + \frac{10210927}{45298483200} \left(e^{(-m\,h)}\right)^{10} f0^{10} + \frac{1}{24} \left(e^{(-m\,h)}\right)^{2} f0^{2} \right.$$

$$+ \frac{1815940553}{1538964435165511168} \left(e^{(-m\,h)}\right)^{8} f0^{18} \operatorname{Ei}(-10\,m\,h) + \frac{166817}{169869312} \left(e^{(-m\,h)}\right)^{8} f0^{8}$$

$$+ \frac{9751}{3538944} \left(e^{(-m\,h)}\right)^{8} f0^{8}\,m\,h + \frac{1}{6} \left(e^{(-m\,h)}\right)^{2} f0^{2}\,m\,h + \frac{11}{192} \left(e^{(-m\,h)}\right)^{4} f0^{4}\,m\,h$$

$$+ \frac{11}{1536} \left(e^{(-m\,h)}\right)^{4} f0^{4} + \frac{2322517}{50096498540544} \left(e^{(-m\,h)}\right)^{8} f0^{16} \operatorname{Ei}(-8\,m\,h)$$

$$+ \frac{5543}{2415919104} (e^{(-m\,h)})^6 f0^{14} \mathrm{Ei}(-8\,m\,h) + \frac{485}{36864} (e^{(-m\,h)})^6 f0^6\, m\,h$$
$$+ \frac{2933}{5435817984} (e^{(-m\,h)})^8 f0^{12} \mathrm{Ei}(-4\,m\,h) + \frac{44117}{22265110462464} (e^{(-m\,h)})^{10} f0^{16} \mathrm{Ei}(-6\,m\,h)$$
$$+ \frac{157}{10871635968} (e^{(-m\,h)})^{10} f0^{12} \mathrm{Ei}(-2\,m\,h) + \frac{7672987}{13589544960} (e^{(-m\,h)})^{10} f0^{10}\, m\,h$$
$$+ \frac{7}{12288} (e^{(-m\,h)})^4 f0^8 \mathrm{Ei}(-4\,m\,h) + \frac{4333987}{347892350976} (e^{(-m\,h)})^4 f0^{14} \mathrm{Ei}(-10\,m\,h)$$
$$+ \frac{1}{768} (e^{(-m\,h)})^4 f0^6 \mathrm{Ei}(-2\,m\,h) + \frac{5543}{113246208} (e^{(-m\,h)})^4 f0^{12} \mathrm{Ei}(-8\,m\,h)$$
$$+ \frac{281}{1572864} (e^{(-m\,h)})^4 f0^{10} \mathrm{Ei}(-6\,m\,h) + \frac{1}{16384} (e^{(-m\,h)})^6 f0^8 \mathrm{Ei}(-2\,m\,h)$$
$$+ \frac{281}{33554432} (e^{(-m\,h)})^6 f0^{12} \mathrm{Ei}(-6\,m\,h)$$
$$+ \frac{680435959}{4924686192529637376} (e^{(-m\,h)})^{10} f0^{20} \mathrm{Ei}(-10\,m\,h) + \frac{7}{262144} (e^{(-m\,h)})^6 f0^{10} \mathrm{Ei}(-4\,m\,h)$$
$$+ \frac{419}{339738624} (e^{(-m\,h)})^8 f0^{10} \mathrm{Ei}(-2\,m\,h) + \frac{117739}{695784701952} (e^{(-m\,h)})^8 f0^{14} \mathrm{Ei}(-6\,m\,h)$$
$$+ \frac{4333987}{7421703487488} (e^{(-m\,h)})^6 f0^{16} \mathrm{Ei}(-10\,m\,h)$$
$$+ \frac{870251}{1603087953297408} (e^{(-m\,h)})^{10} f0^{18} \mathrm{Ei}(-8\,m\,h)$$
$$+ \frac{1099}{173946175488} (e^{(-m\,h)})^{10} f0^{14} \mathrm{Ei}(-4\,m\,h) + \frac{1}{384} \frac{(e^{(-m\,h)})^4 f0^4}{m^2\,h^2}$$
$$+ \frac{1}{24} (e^{(-m\,h)})^2 f0^4 \mathrm{Ei}(-2\,m\,h)\, m\,h + \frac{7}{384} (e^{(-m\,h)})^2 f0^6 \mathrm{Ei}(-4\,m\,h)\, m^2\,h^2$$
$$+ \frac{5543}{75497472} (e^{(-m\,h)})^4 f0^{12} \mathrm{Ei}(-8\,m\,h)\, m^2\,h^2 + \frac{11}{3072} (e^{(-m\,h)})^4 f0^6 \mathrm{Ei}(-2\,m\,h)\, m\,h$$
$$- \frac{6175}{5435817984} \frac{(e^{(-m\,h)})^{10} f0^{10}}{m^2\,h^2} - \frac{1411}{905969664} \frac{(e^{(-m\,h)})^{10} f0^{10}}{m^3\,h^3} - \frac{1}{1572864} \frac{(e^{(-m\,h)})^{10} f0^{10}}{m^5\,h^5}$$
$$+ \frac{5}{262144} \frac{(e^{(-m\,h)})^8 f0^8}{m^3\,h^3} + \frac{2147}{169869312} \frac{(e^{(-m\,h)})^8 f0^8}{m^2\,h^2} - \frac{23}{331776} \frac{(e^{(-m\,h)})^6 f0^6}{m\,h}$$
$$+ \frac{6821}{226492416} \frac{(e^{(-m\,h)})^8 f0^8}{m\,h} + \frac{628687}{56623104000} \frac{(e^{(-m\,h)})^{10} f0^{10}}{m\,h}$$

$$+\frac{7}{384}\left(e^{(-m\,h)}\right)^2 f0^6 \operatorname{Ei}(-4\,m\,h)\,m\,h+\frac{4333987}{1358954496} f0^{10} \operatorname{Ei}(-10\,m\,h)\,m^2\,h^2$$

$$+\frac{245}{905969664}\left(e^{(-m\,h)}\right)^8 f0^{12} \operatorname{Ei}(-4\,m\,h)\,m^2\,h^2$$

$$+\frac{341977}{1391569403904}\left(e^{(-m\,h)}\right)^8 f0^{14} \operatorname{Ei}(-6\,m\,h)\,m\,h$$

$$+\frac{8519}{10871635968}\left(e^{(-m\,h)}\right)^8 f0^{12} \operatorname{Ei}(-4\,m\,h)\,m\,h$$

$$+\frac{6745831}{100192997081088}\left(e^{(-m\,h)}\right)^8 f0^{16} \operatorname{Ei}(-8\,m\,h)\,m\,h+\frac{1}{3} f0^2 \operatorname{Ei}(-2\,m\,h)\,m^2\,h^2$$

$$+\frac{9835}{115964116992}\left(e^{(-m\,h)}\right)^8 f0^{14} \operatorname{Ei}(-6\,m\,h)\,m^2\,h^2-\frac{1}{6144}\frac{\left(e^{(-m\,h)}\right)^6 f0^6}{m^3\,h^3}$$

$$+\frac{5}{3072}\frac{\left(e^{(-m\,h)}\right)^4 f0^4}{m\,h}+\frac{5274462179}{307792887033102336}\left(e^{(-m\,h)}\right)^8 f0^{18} \operatorname{Ei}(-10\,m\,h)\,m\,h$$

$$+\frac{35}{56623104}\left(e^{(-m\,h)}\right)^8 f0^{10} \operatorname{Ei}(-2\,m\,h)\,m^2\,h^2+\frac{5543}{442368} f0^8 \operatorname{Ei}(-8\,m\,h)\,m^2\,h^2$$

$$+\frac{7}{48} f0^4 \operatorname{Ei}(-4\,m\,h)\,m^2\,h^2+\frac{60973}{452984832}\left(e^{(-m\,h)}\right)^4 f0^{12} \operatorname{Ei}(-8\,m\,h)\,m\,h$$

$$+\frac{17886364349}{102597629011034112000}\left(e^{(-m\,h)}\right)^{10} f0^{20} \operatorname{Ei}(-10\,m\,h)\,m\,h+\frac{1}{98304}\frac{\left(e^{(-m\,h)}\right)^8 f0^8}{m^4\,h^4}$$

$$+\frac{281}{6144} f0^6 \operatorname{Ei}(-6\,m\,h)\,m^2\,h^2+\frac{1}{512}\left(e^{(-m\,h)}\right)^4 f0^6 \operatorname{Ei}(-2\,m\,h)\,m^2\,h^2$$

$$+\frac{194005}{8349416423424}\left(e^{(-m\,h)}\right)^8 f0^{16} \operatorname{Ei}(-8\,m\,h)\,m^2\,h^2$$

$$+\frac{1217}{679477248}\left(e^{(-m\,h)}\right)^8 f0^{10} \operatorname{Ei}(-2\,m\,h)\,m\,h+\frac{281}{49152}\left(e^{(-m\,h)}\right)^2 f0^8 \operatorname{Ei}(-6\,m\,h)\,m^2\,h^2$$

$$+\frac{281}{49152}\left(e^{(-m\,h)}\right)^2 f0^8 \operatorname{Ei}(-6\,m\,h)\,m\,h$$

$$+\frac{151689545}{25649407252758528}\left(e^{(-m\,h)}\right)^8 f0^{18} \operatorname{Ei}(-10\,m\,h)\,m^2\,h^2$$

$$+\frac{281}{1048576}\left(e^{(-m\,h)}\right)^4 f0^{10} \operatorname{Ei}(-6\,m\,h)\,m^2\,h^2+\frac{1405}{226492416}\left(e^{(-m\,h)}\right)^6 f0^{12} \operatorname{Ei}(-6\,m\,h)\,m^2\,h^2$$

$$+\frac{7}{8192}\left(e^{(-m\,h)}\right)^4 f0^8 \operatorname{Ei}(-4\,m\,h)\,m^2\,h^2+\frac{4333987}{10871635968}\left(e^{(-m\,h)}\right)^2 f0^{12} \operatorname{Ei}(-10\,m\,h)\,m\,h$$

$$+\frac{28889}{3623878656000}\left(e^{(-m\,h)}\right)^{10} f0^{14}\,\mathrm{Ei}(-4\,m\,h)\,m\,h$$

$$+\frac{49}{20132659200}\left(e^{(-m\,h)}\right)^{10} f0^{14}\,\mathrm{Ei}(-4\,m\,h)\,m^2\,h^2$$

$$+\frac{30337909}{569986827839078400}\left(e^{(-m\,h)}\right)^{10} f0^{20}\,\mathrm{Ei}(-10\,m\,h)\,m^2\,h^2$$

$$+\frac{20513}{1358954496}\left(e^{(-m\,h)}\right)^{6} f0^{12}\,\mathrm{Ei}(-6\,m\,h)\,m\,h$$

$$+\frac{47673857}{1391569403904}\left(e^{(-m\,h)}\right)^{4} f0^{14}\,\mathrm{Ei}(-10\,m\,h)\,m\,h+\frac{77}{49152}\left(e^{(-m\,h)}\right)^{4} f0^{8}\,\mathrm{Ei}(-4\,m\,h)\,m\,h$$

$$+\frac{3091}{6291456}\left(e^{(-m\,h)}\right)^{4} f0^{10}\,\mathrm{Ei}(-6\,m\,h)\,m\,h+\frac{35}{1769472}\left(e^{(-m\,h)}\right)^{6} f0^{10}\,\mathrm{Ei}(-4\,m\,h)\,m^2\,h^2$$

$$+\frac{404639}{97844723712}\left(e^{(-m\,h)}\right)^{6} f0^{14}\,\mathrm{Ei}(-8\,m\,h)\,m\,h+\frac{5}{110592}\left(e^{(-m\,h)}\right)^{6} f0^{8}\,\mathrm{Ei}(-2\,m\,h)\,m^2\,h^2$$

$$+\frac{21669935}{50096498540544}\left(e^{(-m\,h)}\right)^{6} f0^{16}\,\mathrm{Ei}(-10\,m\,h)\,m^2\,h^2-\frac{5}{24576}\,\frac{\left(e^{(-m\,h)}\right)^{6} f0^{6}}{m^2\,h^2}$$

$$-\frac{5}{3145728}\,\frac{\left(e^{(-m\,h)}\right)^{10} f0^{10}}{m^4\,h^4}-\frac{1}{24}\,\frac{\left(e^{(-m\,h)}\right)^{2} f0^{2}}{m\,h}$$

$$+\frac{1159687}{463856467968000}\left(e^{(-m\,h)}\right)^{10} f0^{16}\,\mathrm{Ei}(-6\,m\,h)\,m\,h$$

$$+\frac{4333987}{231928233984}\left(e^{(-m\,h)}\right)^{4} f0^{14}\,\mathrm{Ei}(-10\,m\,h)\,m^2\,h^2$$

$$+\frac{27715}{16307453952}\left(e^{(-m\,h)}\right)^{6} f0^{14}\,\mathrm{Ei}(-8\,m\,h)\,m^2\,h^2$$

$$+\frac{316381051}{300578991243264}\left(e^{(-m\,h)}\right)^{6} f0^{16}\,\mathrm{Ei}(-10\,m\,h)\,m\,h$$

$$+\frac{38801}{185542587187200}\left(e^{(-m\,h)}\right)^{10} f0^{18}\,\mathrm{Ei}(-8\,m\,h)\,m^2\,h^2$$

$$+\frac{511}{10616832}\left(e^{(-m\,h)}\right)^{6} f0^{10}\,\mathrm{Ei}(-4\,m\,h)\,m\,h+\frac{73}{663552}\left(e^{(-m\,h)}\right)^{6} f0^{8}\,\mathrm{Ei}(-2\,m\,h)\,m\,h$$

$$+\frac{5543}{3538944}\left(e^{(-m\,h)}\right)^{2} f0^{10}\,\mathrm{Ei}(-8\,m\,h)\,m\,h+\frac{1}{24}\left(e^{(-m\,h)}\right)^{2} f0^{4}\,\mathrm{Ei}(-2\,m\,h)\,m^2\,h^2$$

$$+\frac{4333987}{10871635968}\left(e^{(-m\,h)}\right)^{2} f0^{12}\,\mathrm{Ei}(-10\,m\,h)\,m^2\,h^2$$

$$+\frac{1967}{2576980377600}\left(e^{(-m\,h)}\right)^{10} f0^{16}\,\mathrm{Ei}(-6\,m\,h)\,m^2\,h^2$$

$$+\frac{22875961}{33397665693696000}\left(e^{(-m\,h)}\right)^{10} f0^{18}\,\mathrm{Ei}(-8\,m\,h)\,m\,h$$

$$+\frac{4127}{226492416000}\left(e^{(-m\,h)}\right)^{10} f0^{12}\,\mathrm{Ei}(-2\,m\,h)\,m\,h$$

$$+\frac{7}{1258291200}\left(e^{(-m\,h)}\right)^{10} f0^{12}\,\mathrm{Ei}(-2\,m\,h)\,m^2\,h^2$$

$$+\frac{5543}{3538944}\left(e^{(-m\,h)}\right)^{2} f0^{10}\,\mathrm{Ei}(-8\,m\,h)\,m^2\,h^2\Bigg)\Bigg/\Bigg(-\frac{119}{73728}\left(e^{(-m\,h)}\right)^{6} f0^{6}$$

$$-\frac{788743}{9059696640}\left(e^{(-m\,h)}\right)^{10} f0^{10}+\frac{1}{24}\left(e^{(-m\,h)}\right)^{2} f0^{2}$$

$$-\frac{217936565}{51298814505517056}\left(e^{(-m\,h)}\right)^{8} f0^{18}\,\mathrm{Ei}(-10\,m\,h)-\frac{17291}{42467328}\left(e^{(-m\,h)}\right)^{8} f0^{8}$$

$$-\frac{5657}{5308416}\left(e^{(-m\,h)}\right)^{8} f0^{8}\,m\,h-\frac{1}{12}\left(e^{(-m\,h)}\right)^{2} f0^{2}\,m\,h-\frac{5}{192}\left(e^{(-m\,h)}\right)^{4} f0^{4}\,m\,h$$

$$-\frac{1}{768}\left(e^{(-m\,h)}\right)^{4} f0^{4}-\frac{1304347}{75144747810816}\left(e^{(-m\,h)}\right)^{8} f0^{16}\,\mathrm{Ei}(-8\,m\,h)$$

$$-\frac{3113}{3623878656}\left(e^{(-m\,h)}\right)^{6} f0^{14}\,\mathrm{Ei}(-8\,m\,h)-\frac{67}{12288}\left(e^{(-m\,h)}\right)^{6} f0^{6}\,m\,h$$

$$-\frac{419}{1811939328}\left(e^{(-m\,h)}\right)^{8} f0^{12}\,\mathrm{Ei}(-4\,m\,h)-\frac{5809}{7421703487488}\left(e^{(-m\,h)}\right)^{10} f0^{16}\,\mathrm{Ei}(-6\,m\,h)$$

$$-\frac{157}{21743271936}\left(e^{(-m\,h)}\right)^{10} f0^{12}\,\mathrm{Ei}(-2\,m\,h)-\frac{565445}{2717908992}\left(e^{(-m\,h)}\right)^{10} f0^{10}\,m\,h$$

$$-\frac{1}{4096}\left(e^{(-m\,h)}\right)^{4} f0^{8}\,\mathrm{Ei}(-4\,m\,h)-\frac{520135}{115964116992}\left(e^{(-m\,h)}\right)^{4} f0^{14}\,\mathrm{Ei}(-10\,m\,h)$$

$$-\frac{1}{1536}\left(e^{(-m\,h)}\right)^{4} f0^{6}\,\mathrm{Ei}(-2\,m\,h)-\frac{3113}{169869312}\left(e^{(-m\,h)}\right)^{4} f0^{12}\,\mathrm{Ei}(-8\,m\,h)$$

$$-\frac{37}{524288}\left(e^{(-m\,h)}\right)^{4} f0^{10}\,\mathrm{Ei}(-6\,m\,h)-\frac{1}{32768}\left(e^{(-m\,h)}\right)^{6} f0^{8}\,\mathrm{Ei}(-2\,m\,h)$$

$$-\frac{111}{33554432}\left(e^{(-m\,h)}\right)^{6} f0^{12}\,\mathrm{Ei}(-6\,m\,h)$$

$$-\frac{81661195}{1641562064176545792}\left(e^{(-m\,h)}\right)^{10} f0^{20}\,\mathrm{Ei}(-10\,m\,h)-\frac{3}{262144}\left(e^{(-m\,h)}\right)^{6} f0^{10}\,\mathrm{Ei}(-4\,m\,h)$$

$$- \frac{419}{679477248} (e^{(-m\,h)})^8 f0^{10} \mathrm{Ei}(-2\,m\,h) - \frac{15503}{231928233984} (e^{(-m\,h)})^8 f0^{14} \mathrm{Ei}(-6\,m\,h)$$

$$- \frac{520135}{2473901162496} (e^{(-m\,h)})^6 f0^{16} \mathrm{Ei}(-10\,m\,h)$$

$$- \frac{488741}{2404631929946112} (e^{(-m\,h)})^{10} f0^{18} \mathrm{Ei}(-8\,m\,h)$$

$$- \frac{157}{57982058496} (e^{(-m\,h)})^{10} f0^{14} \mathrm{Ei}(-4\,m\,h) + \frac{5}{6144} \frac{(e^{(-m\,h)})^4 f0^4}{m^2\,h^2}$$

$$- \frac{1}{48} (e^{(-m\,h)})^2 f0^4 \mathrm{Ei}(-2\,m\,h)\,m\,h - \frac{1}{128} (e^{(-m\,h)})^2 f0^6 \mathrm{Ei}(-4\,m\,h)\,m^2\,h^2$$

$$- \frac{3113}{113246208} (e^{(-m\,h)})^4 f0^{12} \mathrm{Ei}(-8\,m\,h)\,m^2\,h^2 - \frac{11}{6144} (e^{(-m\,h)})^4 f0^6 \mathrm{Ei}(-2\,m\,h)\,m\,h$$

$$+ \frac{16687}{113246208000} \frac{(e^{(-m\,h)})^{10} f0^{10}}{m^2\,h^2} - \frac{3871}{10871635968} \frac{(e^{(-m\,h)})^{10} f0^{10}}{m^3\,h^3}$$

$$- \frac{5}{6291456} \frac{(e^{(-m\,h)})^{10} f0^{10}}{m^5\,h^5} + \frac{2147}{339738624} \frac{(e^{(-m\,h)})^8 f0^8}{m^3\,h^3} + \frac{677}{452984832} \frac{(e^{(-m\,h)})^8 f0^8}{m^2\,h^2}$$

$$- \frac{1}{73728} \frac{(e^{(-m\,h)})^8 f0^8}{m\,h} - \frac{5}{1048576} \frac{(e^{(-m\,h)})^{10} f0^{10}}{m\,h} - \frac{1}{128} (e^{(-m\,h)})^2 f0^6 \mathrm{Ei}(-4\,m\,h)\,m\,h$$

$$- \frac{520135}{452984832} f0^{10} \mathrm{Ei}(-10\,m\,h)\,m^2\,h^2 - \frac{35}{301989888} (e^{(-m\,h)})^8 f0^{12} \mathrm{Ei}(-4\,m\,h)\,m^2\,h^2$$

$$- \frac{45029}{463856467968} (e^{(-m\,h)})^8 f0^{14} \mathrm{Ei}(-6\,m\,h)\,m\,h$$

$$- \frac{1217}{3623878656} (e^{(-m\,h)})^8 f0^{12} \mathrm{Ei}(-4\,m\,h)\,m\,h$$

$$- \frac{3788521}{150289495621632} (e^{(-m\,h)})^8 f0^{16} \mathrm{Ei}(-8\,m\,h)\,m\,h - \frac{1}{6} f0^2 \mathrm{Ei}(-2\,m\,h)\,m^2\,h^2$$

$$- \frac{1295}{38654705664} (e^{(-m\,h)})^8 f0^{14} \mathrm{Ei}(-6\,m\,h)\,m^2\,h^2 - \frac{5}{49152} \frac{(e^{(-m\,h)})^6 f0^6}{m^3\,h^3}$$

$$- \frac{633004295}{102597629011034112} (e^{(-m\,h)})^8 f0^{18} \mathrm{Ei}(-10\,m\,h)\,m\,h$$

$$- \frac{35}{113246208} (e^{(-m\,h)})^8 f0^{10} \mathrm{Ei}(-2\,m\,h)\,m^2\,h^2 - \frac{3113}{663552} f0^8 \mathrm{Ei}(-8\,m\,h)\,m^2\,h^2$$

$$- \frac{1}{16} f0^4 \operatorname{Ei}(-4\, m\, h)\, m^2 h^2 - \frac{34243}{679477248} (e^{(-m\, h)})^4 f0^{12} \operatorname{Ei}(-8\, m\, h)\, m\, h$$

$$- \frac{429319429}{6839841934068940800} (e^{(-m\, h)})^{10} f0^{20} \operatorname{Ei}(-10\, m\, h)\, m\, h + \frac{5}{524288} \frac{(e^{(-m\, h)})^8 f0^8}{m^4 h^4}$$

$$- \frac{37}{2048} f0^6 \operatorname{Ei}(-6\, m\, h)\, m^2 h^2 - \frac{1}{1024} (e^{(-m\, h)})^4 f0^6 \operatorname{Ei}(-2\, m\, h)\, m^2 h^2$$

$$- \frac{108955}{12524124635136} (e^{(-m\, h)})^8 f0^{16} \operatorname{Ei}(-8\, m\, h)\, m^2 h^2$$

$$- \frac{1217}{1358954496} (e^{(-m\, h)})^8 f0^{10} \operatorname{Ei}(-2\, m\, h)\, m\, h - \frac{37}{16384} (e^{(-m\, h)})^2 f0^8 \operatorname{Ei}(-6\, m\, h)\, m^2 h^2$$

$$- \frac{37}{16384} (e^{(-m\, h)})^2 f0^8 \operatorname{Ei}(-6\, m\, h)\, m\, h$$

$$- \frac{18204725}{8549802417586176} (e^{(-m\, h)})^8 f0^{18} \operatorname{Ei}(-10\, m\, h)\, m^2 h^2$$

$$- \frac{111}{1048576} (e^{(-m\, h)})^4 f0^{10} \operatorname{Ei}(-6\, m\, h)\, m^2 h^2 - \frac{185}{75497472} (e^{(-m\, h)})^6 f0^{12} \operatorname{Ei}(-6\, m\, h)\, m^2 h^2$$

$$- \frac{3}{8192} (e^{(-m\, h)})^4 f0^8 \operatorname{Ei}(-4\, m\, h)\, m^2 h^2 - \frac{520135}{3623878656} (e^{(-m\, h)})^2 f0^{12} \operatorname{Ei}(-10\, m\, h)\, m\, h$$

$$- \frac{4127}{1207959552000} (e^{(-m\, h)})^{10} f0^{14} \operatorname{Ei}(-4\, m\, h)\, m\, h$$

$$- \frac{7}{6710886400} (e^{(-m\, h)})^{10} f0^{14} \operatorname{Ei}(-4\, m\, h)\, m^2 h^2$$

$$- \frac{728189}{37999121855938560} (e^{(-m\, h)})^{10} f0^{20} \operatorname{Ei}(-10\, m\, h)\, m^2 h^2$$

$$- \frac{2701}{452984832} (e^{(-m\, h)})^6 f0^{12} \operatorname{Ei}(-6\, m\, h)\, m\, h$$

$$- \frac{5721485}{463856467968} (e^{(-m\, h)})^4 f0^{14} \operatorname{Ei}(-10\, m\, h)\, m\, h - \frac{11}{16384} (e^{(-m\, h)})^4 f0^8 \operatorname{Ei}(-4\, m\, h)\, m\, h$$

$$- \frac{407}{2097152} (e^{(-m\, h)})^4 f0^{10} \operatorname{Ei}(-6\, m\, h)\, m\, h - \frac{5}{589824} (e^{(-m\, h)})^6 f0^{10} \operatorname{Ei}(-4\, m\, h)\, m^2 h^2$$

$$- \frac{227249}{146767085568} (e^{(-m\, h)})^6 f0^{14} \operatorname{Ei}(-8\, m\, h)\, m\, h - \frac{5}{221184} (e^{(-m\, h)})^6 f0^8 \operatorname{Ei}(-2\, m\, h)\, m^2 h^2$$

$$- \frac{2600675}{16698832846848} (e^{(-m\, h)})^6 f0^{16} \operatorname{Ei}(-10\, m\, h)\, m^2 h^2 - \frac{23}{663552} \frac{(e^{(-m\, h)})^6 f0^6}{m^2 h^2}$$

$$- \frac{1411}{1811939328} \frac{(e^{(-m\,h)})^{10} f0^{10}}{m^4 h^4} - \frac{152699}{154618822656000} (e^{(-m\,h)})^{10} f0^{16} \mathrm{Ei}(-6\,m\,h)\,m\,h$$

$$- \frac{520135}{77309411328} (e^{(-m\,h)})^{4} f0^{14} \mathrm{Ei}(-10\,m\,h)\,m^2 h^2$$

$$- \frac{15565}{24461180928} (e^{(-m\,h)})^{6} f0^{14} \mathrm{Ei}(-8\,m\,h)\,m^2 h^2$$

$$- \frac{37969855}{100192997081088} (e^{(-m\,h)})^{6} f0^{16} \mathrm{Ei}(-10\,m\,h)\,m\,h$$

$$- \frac{21791}{278313880780800} (e^{(-m\,h)})^{10} f0^{18} \mathrm{Ei}(-8\,m\,h)\,m^2 h^2$$

$$- \frac{73}{3538944} (e^{(-m\,h)})^{6} f0^{10} \mathrm{Ei}(-4\,m\,h)\,m\,h - \frac{73}{1327104} (e^{(-m\,h)})^{6} f0^{8} \mathrm{Ei}(-2\,m\,h)\,m\,h$$

$$- \frac{3113}{5308416} (e^{(-m\,h)})^{2} f0^{10} \mathrm{Ei}(-8\,m\,h)\,m\,h - \frac{1}{48} (e^{(-m\,h)})^{2} f0^{4} \mathrm{Ei}(-2\,m\,h)\,m^2 h^2$$

$$- \frac{520135}{3623878656} (e^{(-m\,h)})^{2} f0^{12} \mathrm{Ei}(-10\,m\,h)\,m^2 h^2$$

$$- \frac{259}{858993459200} (e^{(-m\,h)})^{10} f0^{16} \mathrm{Ei}(-6\,m\,h)\,m^2 h^2$$

$$- \frac{12847351}{50096498540544000} (e^{(-m\,h)})^{10} f0^{18} \mathrm{Ei}(-8\,m\,h)\,m\,h$$

$$- \frac{4127}{452984832000} (e^{(-m\,h)})^{10} f0^{12} \mathrm{Ei}(-2\,m\,h)\,m\,h$$

$$- \frac{7}{2516582400} (e^{(-m\,h)})^{10} f0^{12} \mathrm{Ei}(-2\,m\,h)\,m^2 h^2 - \frac{3113}{5308416} (e^{(-m\,h)})^{2} f0^{10} \mathrm{Ei}(-8\,m\,h)\,m^2 h^2$$

$$+ \frac{1}{3} \frac{1}{m\,h} - \frac{1}{3145728} \frac{(e^{(-m\,h)})^{10} f0^{10}}{m^6 h^6} + \frac{1}{196608} \frac{(e^{(-m\,h)})^{8} f0^{8}}{m^5 h^5} - \frac{1}{48} \frac{(e^{(-m\,h)})^{2} f0^{2}}{m^2 h^2}$$

$$\left. + \frac{1}{768} \frac{(e^{(-m\,h)})^{4} f0^{4}}{m^3 h^3} - \frac{1}{12288} \frac{(e^{(-m\,h)})^{6} f0^{6}}{m^4 h^4} \right) + \frac{5}{3072} \frac{(e^{(-m\,r)})^{4} f0^{4}}{m\,r}$$

$$+ \frac{1}{24} (e^{(-m\,r)})^{2} f0^{4} \mathrm{Ei}(-2\,m\,r)\,m\,r + \frac{281}{1572864} (e^{(-m\,r)})^{4} f0^{10} \mathrm{Ei}(-6\,m\,r)$$

$$+ \frac{281}{33554432} (e^{(-m\,r)})^{6} f0^{12} \mathrm{Ei}(-6\,m\,r) + \frac{4333987}{7421703487488} (e^{(-m\,r)})^{6} f0^{16} \mathrm{Ei}(-10\,m\,r)$$

$$+ \frac{1}{768} (e^{(-m\,r)})^{4} f0^{6} \mathrm{Ei}(-2\,m\,r) + \frac{5543}{113246208} (e^{(-m\,r)})^{4} f0^{12} \mathrm{Ei}(-8\,m\,r)$$

$$+\frac{7}{262144}\left(e^{(-m\,r)}\right)^{6} f0^{10}\,\mathrm{Ei}(-4\,m\,r)+\frac{1815940553}{153896443516551168}\left(e^{(-m\,r)}\right)^{8} f0^{18}\,\mathrm{Ei}(-10\,m\,r)$$

$$+\frac{5543}{2415919104}\left(e^{(-m\,r)}\right)^{6} f0^{14}\,\mathrm{Ei}(-8\,m\,r)+\frac{870251}{1603087953297408}\left(e^{(-m\,r)}\right)^{10} f0^{18}\,\mathrm{Ei}(-8\,m\,r)$$

$$+\frac{2322517}{50096498540544}\left(e^{(-m\,r)}\right)^{8} f0^{16}\,\mathrm{Ei}(-8\,m\,r)+\frac{157}{10871635968}\left(e^{(-m\,r)}\right)^{10} f0^{12}\,\mathrm{Ei}(-2\,m\,r)$$

$$+\frac{44117}{22265110462464}\left(e^{(-m\,r)}\right)^{10} f0^{16}\,\mathrm{Ei}(-6\,m\,r)$$

$$+\frac{404639}{97844723712}\left(e^{(-m\,r)}\right)^{6} f0^{14}\,\mathrm{Ei}(-8\,m\,r)\,m\,r+\frac{20513}{1358954496}\left(e^{(-m\,r)}\right)^{6} f0^{12}\,\mathrm{Ei}(-6\,m\,r)\,m\,r$$

$$+\frac{1405}{226492416}\left(e^{(-m\,r)}\right)^{6} f0^{12}\,\mathrm{Ei}(-6\,m\,r)\,m^2\,r^2+\frac{7}{384}\left(e^{(-m\,r)}\right)^{2} f0^{6}\,\mathrm{Ei}(-4\,m\,r)\,m\,r$$

$$+\frac{5}{262144}\frac{\left(e^{(-m\,r)}\right)^{8} f0^{8}}{m^3\,r^3}+\frac{6821}{226492416}\frac{\left(e^{(-m\,r)}\right)^{8} f0^{8}}{m\,r}-\frac{1411}{905969664}\frac{\left(e^{(-m\,r)}\right)^{10} f0^{10}}{m^3\,r^3}$$

$$-\frac{5}{3145728}\frac{\left(e^{(-m\,r)}\right)^{10} f0^{10}}{m^4\,r^4}+\frac{1}{384}\frac{\left(e^{(-m\,r)}\right)^{4} f0^{4}}{m^2\,r^2}-\frac{6175}{5435817984}\frac{\left(e^{(-m\,r)}\right)^{10} f0^{10}}{m^2\,r^2}$$

$$+\frac{1}{98304}\frac{\left(e^{(-m\,r)}\right)^{8} f0^{8}}{m^4\,r^4}-\frac{23}{331776}\frac{\left(e^{(-m\,r)}\right)^{6} f0^{6}}{m\,r}+\frac{2147}{169869312}\frac{\left(e^{(-m\,r)}\right)^{8} f0^{8}}{m^2\,r^2}$$

$$-\frac{1}{1572864}\frac{\left(e^{(-m\,r)}\right)^{10} f0^{10}}{m^5\,r^5}+\frac{7672987}{13589544960}\left(e^{(-m\,r)}\right)^{10} m\,r\,f0^{10}+\frac{485}{36864}\left(e^{(-m\,r)}\right)^{6} f0^{6}\,m\,r$$

$$-\frac{1}{6144}\frac{\left(e^{(-m\,r)}\right)^{6} f0^{6}}{m^3\,r^3}+\frac{628687}{56623104000}\frac{\left(e^{(-m\,r)}\right)^{10} f0^{10}}{m\,r}+\frac{11}{192}\left(e^{(-m\,r)}\right)^{4} f0^{4}\,m\,r$$

$$+\frac{1}{6}\left(e^{(-m\,r)}\right)^{2} m\,r\,f0^{2}+\frac{27715}{16307453952}\left(e^{(-m\,r)}\right)^{6} f0^{14}\,\mathrm{Ei}(-8\,m\,r)\,m^2\,r^2$$

$$+\frac{8519}{10871635968}\left(e^{(-m\,r)}\right)^{8} f0^{12}\,\mathrm{Ei}(-4\,m\,r)\,m\,r$$

$$+\frac{151689545}{25649407252758528}\left(e^{(-m\,r)}\right)^{8} f0^{18}\,\mathrm{Ei}(-10\,m\,r)\,m^2\,r^2$$

$$+\frac{5274462179}{307792887033102336}\left(e^{(-m\,r)}\right)^{8} f0^{18}\,\mathrm{Ei}(-10\,m\,r)\,m\,r$$

$$+\frac{35}{56623104}\left(e^{(-m\,r)}\right)^{8} f0^{10}\,\mathrm{Ei}(-2\,m\,r)\,m^2\,r^2$$

$$+\frac{194005}{8349416423424}\left(e^{(-m\,r)}\right)^{8} f0^{16}\,\mathrm{Ei}(-8\,m\,r)\,m^2\,r^2$$

$$+\frac{6745831}{100192997081088}\left(e^{(-m\,r)}\right)^{8} f0^{16}\,\mathrm{Ei}(-8\,m\,r)\,m\,r$$

$$+\frac{5}{110592}\left(e^{(-m\,r)}\right)^{6} f0^{8}\,\mathrm{Ei}(-2\,m\,r)\,m^2\,r^2$$

$$+\frac{17886364349}{1025976290110341120000}\left(e^{(-m\,r)}\right)^{10} f0^{20}\,\mathrm{Ei}(-10\,m\,r)\,m\,r$$

$$+\frac{7}{384}\left(e^{(-m\,r)}\right)^{2} f0^{6}\,\mathrm{Ei}(-4\,m\,r)\,m^2\,r^2+\frac{1}{24}\left(e^{(-m\,r)}\right)^{2} f0^{4}\,\mathrm{Ei}(-2\,m\,r)\,m^2\,r^2$$

$$+\frac{5543}{3538944}\left(e^{(-m\,r)}\right)^{2} f0^{10}\,\mathrm{Ei}(-8\,m\,r)\,m^2\,r^2+\frac{5543}{3538944}\left(e^{(-m\,r)}\right)^{2} f0^{10}\,\mathrm{Ei}(-8\,m\,r)\,m\,r$$

$$+\frac{281}{49152}\left(e^{(-m\,r)}\right)^{2} f0^{8}\,\mathrm{Ei}(-6\,m\,r)\,m^2\,r^2+\frac{4333987}{231928233984}\left(e^{(-m\,r)}\right)^{4} f0^{14}\,\mathrm{Ei}(-10\,m\,r)\,m^2\,r^2$$

$$+\frac{47673857}{1391569403904}\left(e^{(-m\,r)}\right)^{4} f0^{14}\,\mathrm{Ei}(-10\,m\,r)\,m\,r+\frac{11}{3072}\left(e^{(-m\,r)}\right)^{4} f0^{6}\,\mathrm{Ei}(-2\,m\,r)\,m\,r$$

$$+\frac{73}{663552}\left(e^{(-m\,r)}\right)^{6} f0^{8}\,\mathrm{Ei}(-2\,m\,r)\,m\,r+\frac{1217}{679477248}\left(e^{(-m\,r)}\right)^{8} f0^{10}\,\mathrm{Ei}(-2\,m\,r)\,m\,r$$

$$+\frac{281}{49152}\left(e^{(-m\,r)}\right)^{2} f0^{8}\,\mathrm{Ei}(-6\,m\,r)\,m\,r+\frac{21669935}{50096498540544}\left(e^{(-m\,r)}\right)^{6} f0^{16}\,\mathrm{Ei}(-10\,m\,r)\,m^2\,r^2$$

$$+\frac{60973}{452984832}\left(e^{(-m\,r)}\right)^{4} f0^{12}\,\mathrm{Ei}(-8\,m\,r)\,m\,r+\frac{5543}{75497472}\left(e^{(-m\,r)}\right)^{4} f0^{12}\,\mathrm{Ei}(-8\,m\,r)\,m^2\,r^2$$

$$+\frac{1}{512}\left(e^{(-m\,r)}\right)^{4} f0^{6}\,\mathrm{Ei}(-2\,m\,r)\,m^2\,r^2+\frac{4333987}{10871635968}\left(e^{(-m\,r)}\right)^{2} f0^{12}\,\mathrm{Ei}(-10\,m\,r)\,m^2\,r^2$$

$$+\frac{4333987}{10871635968}\left(e^{(-m\,r)}\right)^{2} f0^{12}\,\mathrm{Ei}(-10\,m\,r)\,m\,r+\frac{4333987}{1358954496} f0^{10}\,\mathrm{Ei}(-10\,m\,r)\,m^2\,r^2$$

$$+\frac{9751}{3538944}\left(e^{(-m\,r)}\right)^{8} f0^{8}\,m\,r-\frac{1}{24}\,\frac{\left(e^{(-m\,r)}\right)^{2} f0^{2}}{m\,r}-\frac{5}{24576}\,\frac{\left(e^{(-m\,r)}\right)^{6} f0^{6}}{m^2\,r^2}$$

$$+\frac{7}{48} f0^{4}\,\mathrm{Ei}(-4\,m\,r)\,m^2\,r^2+\frac{281}{6144} f0^{6}\,\mathrm{Ei}(-6\,m\,r)\,m^2\,r^2+\frac{5543}{442368} f0^{8}\,\mathrm{Ei}(-8\,m\,r)\,m^2\,r^2$$

$$+\frac{1}{3} f0^{2}\,\mathrm{Ei}(-2\,m\,r)\,m^2\,r^2+\frac{49}{20132659200}\left(e^{(-m\,r)}\right)^{10} f0^{14}\,\mathrm{Ei}(-4\,m\,r)\,m^2\,r^2$$

$$+\frac{30337909}{569986827839078400}\left(e^{(-m\,r)}\right)^{10} f0^{20}\,\mathrm{Ei}(-10\,m\,r)\,m^2\,r^2$$

$$+\frac{341977}{1391569403904}\left(e^{(-m\,r)}\right)^8 f0^{14}\,\mathrm{Ei}(-6\,m\,r)\,m\,r$$

$$+\frac{9835}{115964116992}\left(e^{(-m\,r)}\right)^8 f0^{14}\,\mathrm{Ei}(-6\,m\,r)\,m^2\,r^2$$

$$+\frac{28889}{3623878656000}\left(e^{(-m\,r)}\right)^{10} f0^{14}\,\mathrm{Ei}(-4\,m\,r)\,m\,r$$

$$+\frac{245}{905969664}\left(e^{(-m\,r)}\right)^8 f0^{12}\,\mathrm{Ei}(-4\,m\,r)\,m^2\,r^2$$

$$+\frac{4127}{226492416000}\left(e^{(-m\,r)}\right)^{10} f0^{12}\,\mathrm{Ei}(-2\,m\,r)\,m\,r$$

$$+\frac{7}{1258291200}\left(e^{(-m\,r)}\right)^{10} f0^{12}\,\mathrm{Ei}(-2\,m\,r)\,m^2\,r^2$$

$$+\frac{38801}{185542587187200}\left(e^{(-m\,r)}\right)^{10} f0^{18}\,\mathrm{Ei}(-8\,m\,r)\,m^2\,r^2$$

$$+\frac{22875961}{33397665693696000}\left(e^{(-m\,r)}\right)^{10} f0^{18}\,\mathrm{Ei}(-8\,m\,r)\,m\,r$$

$$+\frac{1967}{2576980377600}\left(e^{(-m\,r)}\right)^{10} f0^{16}\,\mathrm{Ei}(-6\,m\,r)\,m^2\,r^2$$

$$+\frac{1159687}{463856467968000}\left(e^{(-m\,r)}\right)^{10} f0^{16}\,\mathrm{Ei}(-6\,m\,r)\,m\,r$$

$$+\frac{3091}{6291456}\left(e^{(-m\,r)}\right)^4 f0^{10}\,\mathrm{Ei}(-6\,m\,r)\,m\,r+\frac{281}{1048576}\left(e^{(-m\,r)}\right)^4 f0^{10}\,\mathrm{Ei}(-6\,m\,r)\,m^2\,r^2$$

$$+\frac{7}{8192}\left(e^{(-m\,r)}\right)^4 f0^{8}\,\mathrm{Ei}(-4\,m\,r)\,m^2\,r^2+\frac{77}{49152}\left(e^{(-m\,r)}\right)^4 f0^{8}\,\mathrm{Ei}(-4\,m\,r)\,m\,r$$

$$+\frac{35}{1769472}\left(e^{(-m\,r)}\right)^6 f0^{10}\,\mathrm{Ei}(-4\,m\,r)\,m^2\,r^2+\frac{511}{10616832}\left(e^{(-m\,r)}\right)^6 f0^{10}\,\mathrm{Ei}(-4\,m\,r)\,m\,r$$

$$+\frac{316381051}{300578991243264}\left(e^{(-m\,r)}\right)^6 f0^{16}\,\mathrm{Ei}(-10\,m\,r)\,m\,r$$

> V=

$$\frac{1}{6}\,\frac{m\left(e^{(-m\,r)}\right)^4 f0^4}{r}-\frac{19}{49152}\,\frac{\left(e^{(-m\,r)}\right)^8 f0^8}{r^2}+\frac{35}{1536}\,m^4\left(e^{(-m\,r)}\right)^4 f0^8\,\mathrm{Ei}(-4\,m\,r)\,r^2$$

$$+\frac{30337909}{86973087744}\,m^3\left(e^{(-m\,r)}\right)^4 f0^{14}\,\mathrm{Ei}(-10\,m\,r)\,r+\frac{1}{12}\,m^3\left(e^{(-m\,r)}\right)^4 f0^4\,r$$

$$
\begin{aligned}
&- \frac{843}{524288} m^2 \left(e^{(-m\,r)}\right)^4 f0^{10} \operatorname{Ei}(-6\,m\,r) + \frac{16501}{7077888} m^3 \left(e^{(-m\,r)}\right)^{10} r\, f0^{10} \\
&+ \frac{2911}{663552} \frac{m \left(e^{(-m\,r)}\right)^8 f0^8}{r} + \frac{5}{96} m^4 \left(e^{(-m\,r)}\right)^4 f0^6 \operatorname{Ei}(-2\,m\,r)\, r^2 - \frac{1}{393216} \frac{\left(e^{(-m\,r)}\right)^{10} f0^{10}}{m\, r^3} \\
&+ \frac{809}{73728} m^3 \left(e^{(-m\,r)}\right)^8 f0^8\, r + \frac{7}{192} m^3 \left(e^{(-m\,r)}\right)^4 f0^6 \operatorname{Ei}(-2\,m\,r)\, r \\
&- \frac{21}{4096} m^2 \left(e^{(-m\,r)}\right)^4 f0^8 \operatorname{Ei}(-4\,m\,r) + \frac{281}{1024} m^2 f0^6 \operatorname{Ei}(-6\,m\,r) \\
&- \frac{281}{8192} m^2 \left(e^{(-m\,r)}\right)^2 f0^8 \operatorname{Ei}(-6\,m\,r) + \frac{7}{96} m^4 \left(e^{(-m\,r)}\right)^2 f0^6 \operatorname{Ei}(-4\,m\,r)\, r^2 \\
&- \frac{7}{64} m^2 \left(e^{(-m\,r)}\right)^2 f0^6 \operatorname{Ei}(-4\,m\,r) + \frac{327037}{5435817984} m^2 \left(e^{(-m\,r)}\right)^6 f0^{14} \operatorname{Ei}(-8\,m\,r) \\
&+ \frac{33439}{231928233984} m^4 \left(e^{(-m\,r)}\right)^{10} f0^{16} \operatorname{Ei}(-6\,m\,r)\, r^2 + \frac{17}{384} m^3 \left(e^{(-m\,r)}\right)^6 f0^6\, r \\
&- \frac{5543}{294912} m^3 \left(e^{(-m\,r)}\right)^2 f0^{10} \operatorname{Ei}(-8\,m\,r)\, r + \frac{5543}{884736} m^4 \left(e^{(-m\,r)}\right)^2 f0^{10} \operatorname{Ei}(-8\,m\,r)\, r^2 \\
&+ \frac{21}{16384} m^4 \left(e^{(-m\,r)}\right)^6 f0^{10} \operatorname{Ei}(-4\,m\,r)\, r^2 + \frac{3}{1024} m^4 \left(e^{(-m\,r)}\right)^6 f0^8 \operatorname{Ei}(-2\,m\,r)\, r^2 \\
&+ \frac{134353597}{2783138807808} m^3 \left(e^{(-m\,r)}\right)^6 f0^{16} \operatorname{Ei}(-10\,m\,r)\, r - \frac{281}{4096} m^3 \left(e^{(-m\,r)}\right)^2 f0^8 \operatorname{Ei}(-6\,m\,r)\, r \\
&- \frac{3}{256} m^2 \left(e^{(-m\,r)}\right)^4 f0^6 \operatorname{Ei}(-2\,m\,r) + \frac{12971}{169869312} m^3 \left(e^{(-m\,r)}\right)^8 f0^{12} \operatorname{Ei}(-4\,m\,r)\, r \\
&+ \frac{14672321}{4174708211712} m^2 \left(e^{(-m\,r)}\right)^8 f0^{16} \operatorname{Ei}(-8\,m\,r) + \frac{59}{36864} m^2 \left(e^{(-m\,r)}\right)^6 f0^8 \operatorname{Ei}(-2\,m\,r) \\
&+ \frac{45877}{56623104} \frac{m \left(e^{(-m\,r)}\right)^{10} f0^{10}}{r} - \frac{5543}{12582912} m^2 \left(e^{(-m\,r)}\right)^4 f0^{12} \operatorname{Ei}(-8\,m\,r) \\
&+ \frac{281}{12288} m^4 \left(e^{(-m\,r)}\right)^2 f0^8 \operatorname{Ei}(-6\,m\,r)\, r^2 + \frac{969899}{1087163596800} m^2 \left(e^{(-m\,r)}\right)^{10} f0^{14} \operatorname{Ei}(-4\,m\,r) \\
&+ \frac{833}{1811939328} m^4 \left(e^{(-m\,r)}\right)^{10} f0^{14} \operatorname{Ei}(-4\,m\,r)\, r^2 \\
&+ \frac{143059}{108716359680} m^3 \left(e^{(-m\,r)}\right)^{10} f0^{14} \operatorname{Ei}(-4\,m\,r)\, r \\
&+ \frac{515744453}{51298814505517056} m^4 \left(e^{(-m\,r)}\right)^{10} f0^{20} \operatorname{Ei}(-10\,m\,r)\, r^2 - \frac{1}{4} m^2 \left(e^{(-m\,r)}\right)^2 f0^4 \operatorname{Ei}(-2\,m\,r)
\end{aligned}
$$

$$+ \frac{1967}{393216} m^3 \left(e^{(-m\,r)}\right)^4 f0^{10} \operatorname{Ei}(-6\,m\,r)\,r + \frac{1405}{196608} m^4 \left(e^{(-m\,r)}\right)^4 f0^{10} \operatorname{Ei}(-6\,m\,r)\,r^2$$
$$+ \frac{413}{589824} m^2 \left(e^{(-m\,r)}\right)^6 f0^{10} \operatorname{Ei}(-4\,m\,r) + \frac{38801}{28311552} m^3 \left(e^{(-m\,r)}\right)^4 f0^{12} \operatorname{Ei}(-8\,m\,r)\,r$$
$$+ \frac{255705233}{16698832846848} m^2 \left(e^{(-m\,r)}\right)^6 f0^{16} \operatorname{Ei}(-10\,m\,r)$$
$$+ \frac{27715}{14155776} m^4 \left(e^{(-m\,r)}\right)^4 f0^{12} \operatorname{Ei}(-8\,m\,r)\,r^2 - \frac{430891}{339738624} m^2 \left(e^{(-m\,r)}\right)^{10} f0^{10}$$
$$+ \frac{8711}{12582912} m^3 \left(e^{(-m\,r)}\right)^6 f0^{12} \operatorname{Ei}(-6\,m\,r)\,r + \frac{65}{884736} m^4 \left(e^{(-m\,r)}\right)^8 f0^{10} \operatorname{Ei}(-2\,m\,r)\,r^2$$
$$+ \frac{455}{14155776} m^4 \left(e^{(-m\,r)}\right)^8 f0^{12} \operatorname{Ei}(-4\,m\,r)\,r^2 + \frac{18529}{452984832} m^2 \left(e^{(-m\,r)}\right)^8 f0^{12} \operatorname{Ei}(-4\,m\,r)$$
$$+ \frac{1853}{10616832} m^3 \left(e^{(-m\,r)}\right)^8 f0^{10} \operatorname{Ei}(-2\,m\,r)\,r$$
$$+ \frac{8030877911}{4809263859892224} m^3 \left(e^{(-m\,r)}\right)^8 f0^{18} \operatorname{Ei}(-10\,m\,r)\,r$$
$$+ \frac{18265}{1811939328} m^4 \left(e^{(-m\,r)}\right)^8 f0^{14} \operatorname{Ei}(-6\,m\,r)\,r^2$$
$$+ \frac{520693}{21743271936} m^3 \left(e^{(-m\,r)}\right)^8 f0^{14} \operatorname{Ei}(-6\,m\,r)\,r$$
$$+ \frac{5742797}{13915694039040} m^3 \left(e^{(-m\,r)}\right)^{10} f0^{16} \operatorname{Ei}(-6\,m\,r)\,r - \frac{7}{393216} \frac{\left(e^{(-m\,r)}\right)^{10} f0^{10}}{m^2\,r^4}$$
$$+ \frac{4333987}{154618822656} m^4 \left(e^{(-m\,r)}\right)^6 f0^{16} \operatorname{Ei}(-10\,m\,r)\,r^2$$
$$+ \frac{743807}{57982058496} m^2 \left(e^{(-m\,r)}\right)^8 f0^{14} \operatorname{Ei}(-6\,m\,r) + \frac{16579}{75497472} m^2 \left(e^{(-m\,r)}\right)^6 f0^{12} \operatorname{Ei}(-6\,m\,r)$$
$$+ \frac{217}{98304} m^3 \left(e^{(-m\,r)}\right)^6 f0^{10} \operatorname{Ei}(-4\,m\,r)\,r + \frac{1}{3072} \frac{\left(e^{(-m\,r)}\right)^8 f0^8}{m\,r^3}$$
$$+ \frac{659617}{16698832846848} m^4 \left(e^{(-m\,r)}\right)^{10} f0^{18} \operatorname{Ei}(-8\,m\,r)\,r^2$$
$$+ \frac{11472063589}{12824703626379264} m^2 \left(e^{(-m\,r)}\right)^8 f0^{18} \operatorname{Ei}(-10\,m\,r)$$
$$+ \frac{10271179}{1565515579392} m^3 \left(e^{(-m\,r)}\right)^8 f0^{16} \operatorname{Ei}(-8\,m\,r)\,r$$

$$+ \frac{360295}{130459631616} m^4 (e^{(-m r)})^8 f0^{16} \mathrm{Ei}(-8 m r) r^2$$

$$+ \frac{20437}{6794772480} m^3 (e^{(-m r)})^{10} f0^{12} \mathrm{Ei}(-2 m r) r$$

$$+ \frac{113282291}{1001929970810880} m^3 (e^{(-m r)})^{10} f0^{18} \mathrm{Ei}(-8 m r) r - \frac{1}{2} m^3 (e^{(-m r)})^2 f0^4 \mathrm{Ei}(-2 m r) r$$

$$+ \frac{138557}{67947724800} m^2 (e^{(-m r)})^{10} f0^{12} \mathrm{Ei}(-2 m r) + \frac{5543}{50331648} m^4 (e^{(-m r)})^6 f0^{14} \mathrm{Ei}(-8 m r) r^2$$

$$+ \frac{171833}{905969664} m^3 (e^{(-m r)})^6 f0^{14} \mathrm{Ei}(-8 m r) r + \frac{119}{113246208} m^4 (e^{(-m r)})^{10} f0^{12} \mathrm{Ei}(-2 m r) r^2$$

$$+ \frac{281709155}{400771988324352} m^4 (e^{(-m r)})^8 f0^{18} \mathrm{Ei}(-10 m r) r^2 - \frac{6631}{884736} m^2 (e^{(-m r)})^8 f0^8$$

$$- \frac{5}{768} \frac{(e^{(-m r)})^6 f0^6}{r^2} + \frac{5543}{73728} m^2 f0^8 \mathrm{Ei}(-8 m r) + \frac{7}{8} m^2 f0^4 \mathrm{Ei}(-4 m r) + \frac{1}{2} m^2 (e^{(-m r)})^2 f0^2$$

$$- \frac{13}{96} m^2 (e^{(-m r)})^4 f0^4 - \frac{139}{3072} m^2 (e^{(-m r)})^6 f0^6 + 2 m^2 f0^2 \mathrm{Ei}(-2 m r)$$

$$- \frac{7}{32} m^3 (e^{(-m r)})^2 f0^6 \mathrm{Ei}(-4 m r) r + \frac{21669935}{43486543872} m^4 (e^{(-m r)})^4 f0^{14} \mathrm{Ei}(-10 m r) r^2$$

$$+ \frac{4333987}{2717908992} m^4 (e^{(-m r)})^2 f0^{12} \mathrm{Ei}(-10 m r) r^2$$

$$- \frac{4333987}{905969664} m^3 (e^{(-m r)})^2 f0^{12} \mathrm{Ei}(-10 m r) r + \frac{1}{6} m^4 (e^{(-m r)})^2 f0^4 \mathrm{Ei}(-2 m r) r^2$$

$$- \frac{5543}{589824} m^2 (e^{(-m r)})^2 f0^{10} \mathrm{Ei}(-8 m r) + \frac{31}{6144} m^3 (e^{(-m r)})^6 f0^8 \mathrm{Ei}(-2 m r) r$$

$$+ \frac{4333987}{226492416} m^2 f0^{10} \mathrm{Ei}(-10 m r) + \frac{843}{2097152} m^4 (e^{(-m r)})^6 f0^{12} \mathrm{Ei}(-6 m r) r^2$$

$$- \frac{4333987}{38654705664} m^2 (e^{(-m r)})^4 f0^{14} \mathrm{Ei}(-10 m r) - \frac{4333987}{1811939328} m^2 (e^{(-m r)})^2 f0^{12} \mathrm{Ei}(-10 m r)$$

$$+ \frac{19}{768} \frac{m (e^{(-m r)})^6 f0^6}{r} + \frac{49}{3072} m^3 (e^{(-m r)})^4 f0^8 \mathrm{Ei}(-4 m r) r - \frac{29095}{339738624} \frac{(e^{(-m r)})^{10} f0^{10}}{r^2}$$

$$+ \frac{88573692319}{3077928870331023360} m^3 (e^{(-m r)})^{10} f0^{20} \mathrm{Ei}(-10 m r) r$$

$$+ \frac{38934517}{139156940390400} m^2 (e^{(-m r)})^{10} f0^{16} \mathrm{Ei}(-6 m r)$$

$$+ \frac{768021451}{10019299708108800} m^2 (e^{(-m r)})^{10} f0^{18} \mathrm{Ei}(-8 m r)$$

$$+ \frac{2647}{28311552} m^2 (e^{(-m r)})^8 f0^{10} \mathrm{Ei}(-2 m r)$$

$$+ \frac{600504236759}{30779288703310233600} m^2 (e^{(-m r)})^{10} f0^{20} \mathrm{Ei}(-10 m r) - \left(- \frac{1}{16} \frac{m (e^{(-m r)})^4 f0^4}{r}\right.$$

$$+ \frac{551}{2654208} \frac{(e^{(-m r)})^8 f0^8}{r^2} - \frac{5}{512} m^4 (e^{(-m r)})^4 f0^8 \mathrm{Ei}(-4 m r) r^2$$

$$- \frac{3640945}{28991029248} m^3 (e^{(-m r)})^4 f0^{14} \mathrm{Ei}(-10 m r) r - \frac{1}{24} m^3 (e^{(-m r)})^4 f0^4 r$$

$$+ \frac{333}{524288} m^2 (e^{(-m r)})^4 f0^{10} \mathrm{Ei}(-6 m r) - \frac{9761}{10616832} m^3 (e^{(-m r)})^{10} r f0^{10}$$

$$- \frac{329}{221184} \frac{m (e^{(-m r)})^8 f0^8}{r} - \frac{5}{192} m^4 (e^{(-m r)})^4 f0^6 \mathrm{Ei}(-2 m r) r^2 - \frac{3227}{339738624} \frac{(e^{(-m r)})^{10} f0^{10}}{m r^3}$$

$$+ \frac{1}{48} \frac{(e^{(-m r)})^4 f0^4}{r^2} - \frac{115}{24576} m^3 (e^{(-m r)})^8 f0^8 r - \frac{7}{384} m^3 (e^{(-m r)})^4 f0^6 \mathrm{Ei}(-2 m r) r$$

$$+ \frac{9}{4096} m^2 (e^{(-m r)})^4 f0^8 \mathrm{Ei}(-4 m r) - \frac{111}{1024} m^2 f0^6 \mathrm{Ei}(-6 m r)$$

$$+ \frac{111}{8192} m^2 (e^{(-m r)})^2 f0^8 \mathrm{Ei}(-6 m r) - \frac{1}{32} m^4 (e^{(-m r)})^2 f0^6 \mathrm{Ei}(-4 m r) r^2$$

$$+ \frac{3}{64} m^2 (e^{(-m r)})^2 f0^6 \mathrm{Ei}(-4 m r) - \frac{183667}{8153726976} m^2 (e^{(-m r)})^6 f0^{14} \mathrm{Ei}(-8 m r)$$

$$- \frac{4403}{77309411328} m^4 (e^{(-m r)})^{10} f0^{16} \mathrm{Ei}(-6 m r) r^2 - \frac{1}{48} m^3 (e^{(-m r)})^6 f0^6 r$$

$$+ \frac{3113}{442368} m^3 (e^{(-m r)})^2 f0^{10} \mathrm{Ei}(-8 m r) r - \frac{3113}{1327104} m^4 (e^{(-m r)})^2 f0^{10} \mathrm{Ei}(-8 m r) r^2$$

$$- \frac{9}{16384} m^4 (e^{(-m r)})^6 f0^{10} \mathrm{Ei}(-4 m r) r^2 - \frac{3}{2048} m^4 (e^{(-m r)})^6 f0^8 \mathrm{Ei}(-2 m r) r^2$$

$$- \frac{16124185}{927712935936} m^3 (e^{(-m r)})^6 f0^{16} \mathrm{Ei}(-10 m r) r + \frac{111}{4096} m^3 (e^{(-m r)})^2 f0^8 \mathrm{Ei}(-6 m r) r$$

$$+ \frac{3}{512} m^2 (e^{(-m r)})^4 f0^6 \mathrm{Ei}(-2 m r) - \frac{1853}{56623104} m^3 (e^{(-m r)})^8 f0^{12} \mathrm{Ei}(-4 m r) r$$

$$- \frac{8240111}{6262062317568} m^2 (e^{(-m r)})^8 f0^{16} \mathrm{Ei}(-8 m r) - \frac{59}{73728} m^2 (e^{(-m r)})^6 f0^8 \mathrm{Ei}(-2 m r)$$

$$- \frac{125197}{452984832} \frac{m\,(e^{(-m\,r)})^{10}\,f0^{10}}{r} + \frac{3113}{18874368} m^2\,(e^{(-m\,r)})^4\,f0^{12}\,\mathrm{Ei}(-8\,m\,r)$$

$$- \frac{37}{4096} m^4\,(e^{(-m\,r)})^2\,f0^8\,\mathrm{Ei}(-6\,m\,r)\,r^2 - \frac{138557}{362387865600} m^2\,(e^{(-m\,r)})^{10}\,f0^{14}\,\mathrm{Ei}(-4\,m\,r)$$

$$- \frac{119}{603979776} m^4\,(e^{(-m\,r)})^{10}\,f0^{14}\,\mathrm{Ei}(-4\,m\,r)\,r^2$$

$$- \frac{20437}{36238786560} m^3\,(e^{(-m\,r)})^{10}\,f0^{14}\,\mathrm{Ei}(-4\,m\,r)\,r$$

$$- \frac{61896065}{17099604835172352} m^4\,(e^{(-m\,r)})^{10}\,f0^{20}\,\mathrm{Ei}(-10\,m\,r)\,r^2 + \frac{1}{8} m^2\,(e^{(-m\,r)})^2\,f0^4\,\mathrm{Ei}(-2\,m\,r)$$

$$- \frac{259}{131072} m^3\,(e^{(-m\,r)})^4\,f0^{10}\,\mathrm{Ei}(-6\,m\,r)\,r - \frac{185}{65536} m^4\,(e^{(-m\,r)})^4\,f0^{10}\,\mathrm{Ei}(-6\,m\,r)\,r^2$$

$$- \frac{59}{196608} m^2\,(e^{(-m\,r)})^6\,f0^{10}\,\mathrm{Ei}(-4\,m\,r) - \frac{21791}{42467328} m^3\,(e^{(-m\,r)})^4\,f0^{12}\,\mathrm{Ei}(-8\,m\,r)\,r$$

$$- \frac{30687965}{5566277615616} m^2\,(e^{(-m\,r)})^6\,f0^{16}\,\mathrm{Ei}(-10\,m\,r)$$

$$- \frac{15565}{21233664} m^4\,(e^{(-m\,r)})^4\,f0^{12}\,\mathrm{Ei}(-8\,m\,r)\,r^2 + \frac{36415}{84934656} m^2\,(e^{(-m\,r)})^{10}\,f0^{10}$$

$$- \frac{1147}{4194304} m^3\,(e^{(-m\,r)})^6\,f0^{12}\,\mathrm{Ei}(-6\,m\,r)\,r + \frac{1}{12288} \frac{(e^{(-m\,r)})^8\,f0^8}{m^2\,r^4}$$

$$- \frac{65}{1769472} m^4\,(e^{(-m\,r)})^8\,f0^{10}\,\mathrm{Ei}(-2\,m\,r)\,r^2 - \frac{65}{4718592} m^4\,(e^{(-m\,r)})^8\,f0^{12}\,\mathrm{Ei}(-4\,m\,r)\,r^2$$

$$- \frac{1}{768} \frac{(e^{(-m\,r)})^6\,f0^6}{m\,r^3} - \frac{1}{196608} \frac{(e^{(-m\,r)})^{10}\,f0^{10}}{m^3\,r^5} - \frac{1}{3} \frac{m\,(e^{(-m\,r)})^2\,f0^2}{r}$$

$$- \frac{2647}{150994944} m^2\,(e^{(-m\,r)})^8\,f0^{12}\,\mathrm{Ei}(-4\,m\,r) - \frac{1853}{21233664} m^3\,(e^{(-m\,r)})^8\,f0^{10}\,\mathrm{Ei}(-2\,m\,r)\,r$$

$$- \frac{963810155}{1603087953297408} m^3\,(e^{(-m\,r)})^8\,f0^{18}\,\mathrm{Ei}(-10\,m\,r)\,r$$

$$- \frac{2405}{603979776} m^4\,(e^{(-m\,r)})^8\,f0^{14}\,\mathrm{Ei}(-6\,m\,r)\,r^2 - \frac{68561}{7247757312} m^3\,(e^{(-m\,r)})^8\,f0^{14}\,\mathrm{Ei}(-6\,m\,r)\,r$$

$$- \frac{756169}{4638564679680} m^3\,(e^{(-m\,r)})^{10}\,f0^{16}\,\mathrm{Ei}(-6\,m\,r)\,r - \frac{3}{524288} \frac{(e^{(-m\,r)})^{10}\,f0^{10}}{m^2\,r^4}$$

$$- \frac{520135}{51539607552} m^4 (e^{(-m r)})^6 f0^{16} \mathrm{Ei}(-10 m r) r^2$$
$$- \frac{97939}{19327352832} m^2 (e^{(-m r)})^8 f0^{14} \mathrm{Ei}(-6 m r) - \frac{2183}{25165824} m^2 (e^{(-m r)})^6 f0^{12} \mathrm{Ei}(-6 m r)$$
$$- \frac{31}{32768} m^3 (e^{(-m r)})^6 f0^{10} \mathrm{Ei}(-4 m r) r + \frac{1}{49152} \frac{(e^{(-m r)})^8 f0^8}{m r^3}$$
$$- \frac{370447}{25048249270272} m^4 (e^{(-m r)})^{10} f0^{18} \mathrm{Ei}(-8 m r) r^2$$
$$- \frac{1376797345}{4274901208793088} m^2 (e^{(-m r)})^8 f0^{18} \mathrm{Ei}(-10 m r)$$
$$- \frac{5768389}{2348273369088} m^3 (e^{(-m r)})^8 f0^{16} \mathrm{Ei}(-8 m r) r$$
$$- \frac{202345}{195689447424} m^4 (e^{(-m r)})^8 f0^{16} \mathrm{Ei}(-8 m r) r^2$$
$$- \frac{20437}{13589544960} m^3 (e^{(-m r)})^{10} f0^{12} \mathrm{Ei}(-2 m r) r$$
$$- \frac{63620381}{1502894956216320} m^3 (e^{(-m r)})^{10} f0^{18} \mathrm{Ei}(-8 m r) r + \frac{1}{4} m^3 (e^{(-m r)})^2 f0^4 \mathrm{Ei}(-2 m r) r$$
$$- \frac{138557}{135895449600} m^2 (e^{(-m r)})^{10} f0^{12} \mathrm{Ei}(-2 m r) - \frac{3113}{75497472} m^4 (e^{(-m r)})^6 f0^{14} \mathrm{Ei}(-8 m r) r^2$$
$$- \frac{96503}{1358954496} m^3 (e^{(-m r)})^6 f0^{14} \mathrm{Ei}(-8 m r) r - \frac{119}{226492416} m^4 (e^{(-m r)})^{10} f0^{12} \mathrm{Ei}(-2 m r) r^2$$
$$- \frac{33808775}{133590662774784} m^4 (e^{(-m r)})^8 f0^{18} \mathrm{Ei}(-10 m r) r^2 + \frac{409}{147456} m^2 (e^{(-m r)})^8 f0^8$$
$$+ \frac{7}{6144} \frac{(e^{(-m r)})^6 f0^6}{r^2} - \frac{3113}{110592} m^2 f0^8 \mathrm{Ei}(-8 m r) - \frac{3}{8} m^2 f0^4 \mathrm{Ei}(-4 m r)$$
$$+ \frac{7}{48} m^2 (e^{(-m r)})^4 f0^4 + \frac{35}{1536} m^2 (e^{(-m r)})^6 f0^6 - m^2 f0^2 \mathrm{Ei}(-2 m r)$$
$$+ \frac{3}{32} m^3 (e^{(-m r)})^2 f0^6 \mathrm{Ei}(-4 m r) r - \frac{2600675}{14495514624} m^4 (e^{(-m r)})^4 f0^{14} \mathrm{Ei}(-10 m r) r^2$$
$$- \frac{520135}{905969664} m^4 (e^{(-m r)})^2 f0^{12} \mathrm{Ei}(-10 m r) r^2$$
$$+ \frac{520135}{301989888} m^3 (e^{(-m r)})^2 f0^{12} \mathrm{Ei}(-10 m r) r - \frac{1}{12} m^4 (e^{(-m r)})^2 f0^4 \mathrm{Ei}(-2 m r) r^2$$

$$+\frac{3113}{884736} m^2 (e^{(-m r)})^2 f0^{10} \mathrm{Ei}(-8 m r) - \frac{31}{12288} m^3 (e^{(-m r)})^6 f0^8 \mathrm{Ei}(-2 m r) r$$

$$-\frac{520135}{75497472} m^2 f0^{10} \mathrm{Ei}(-10 m r) - \frac{333}{2097152} m^4 (e^{(-m r)})^6 f0^{12} \mathrm{Ei}(-6 m r) r^2$$

$$+\frac{520135}{12884901888} m^2 (e^{(-m r)})^4 f0^{14} \mathrm{Ei}(-10 m r) + \frac{520135}{603979776} m^2 (e^{(-m r)})^2 f0^{12} \mathrm{Ei}(-10 m r)$$

$$-\frac{19}{2048} \frac{m (e^{(-m r)})^6 f0^6}{r} - \frac{7}{1024} m^3 (e^{(-m r)})^4 f0^8 \mathrm{Ei}(-4 m r) r + \frac{10817}{452984832} \frac{(e^{(-m r)})^{10} f0^{10}}{r^2}$$

$$-\frac{2125999799}{205195258022068224} m^3 (e^{(-m r)})^{10} f0^{20} \mathrm{Ei}(-10 m r) r$$

$$-\frac{5126609}{46385646796800} m^2 (e^{(-m r)})^{10} f0^{16} \mathrm{Ei}(-6 m r)$$

$$-\frac{431327941}{15028949562163200} m^2 (e^{(-m r)})^{10} f0^{18} \mathrm{Ei}(-8 m r)$$

$$-\frac{2647}{56623104} m^2 (e^{(-m r)})^8 f0^{10} \mathrm{Ei}(-2 m r)$$

$$-\frac{14413669039}{2051952580220682240} m^2 (e^{(-m r)})^{10} f0^{20} \mathrm{Ei}(-10 m r) \Bigg)\Bigg(1 + \frac{793}{221184} (e^{(-m h)})^6 f0^6$$

$$+\frac{10210927}{45298483200} (e^{(-m h)})^{10} f0^{10} + \frac{1}{24} (e^{(-m h)})^2 f0^2$$

$$+\frac{1815940553}{153896443516551168} (e^{(-m h)})^8 f0^{18} \mathrm{Ei}(-10 m h) + \frac{166817}{169869312} (e^{(-m h)})^8 f0^8$$

$$+\frac{9751}{3538944} (e^{(-m h)})^8 f0^8 m h + \frac{1}{6} (e^{(-m h)})^2 f0^2 m h + \frac{11}{192} (e^{(-m h)})^4 f0^4 m h$$

$$+\frac{11}{1536} (e^{(-m h)})^4 f0^4 + \frac{2322517}{50096498540544} (e^{(-m h)})^8 f0^{16} \mathrm{Ei}(-8 m h)$$

$$+\frac{5543}{2415919104} (e^{(-m h)})^6 f0^{14} \mathrm{Ei}(-8 m h) + \frac{485}{36864} (e^{(-m h)})^6 f0^6 m h$$

$$+\frac{2933}{5435817984} (e^{(-m h)})^8 f0^{12} \mathrm{Ei}(-4 m h) + \frac{44117}{22265110462464} (e^{(-m h)})^{10} f0^{16} \mathrm{Ei}(-6 m h)$$

$$+\frac{157}{10871635968} (e^{(-m h)})^{10} f0^{12} \mathrm{Ei}(-2 m h) + \frac{7672987}{13589544960} (e^{(-m h)})^{10} f0^{10} m h$$

$$+\frac{7}{12288} (e^{(-m h)})^4 f0^8 \mathrm{Ei}(-4 m h) + \frac{4333987}{347892350976} (e^{(-m h)})^4 f0^{14} \mathrm{Ei}(-10 m h)$$

$$+ \frac{1}{768} (e^{(-m\,h)})^4 f0^6 \,\mathrm{Ei}(-2\,m\,h) + \frac{5543}{113246208} (e^{(-m\,h)})^4 f0^{12} \,\mathrm{Ei}(-8\,m\,h)$$

$$+ \frac{281}{1572864} (e^{(-m\,h)})^4 f0^{10} \,\mathrm{Ei}(-6\,m\,h) + \frac{1}{16384} (e^{(-m\,h)})^6 f0^8 \,\mathrm{Ei}(-2\,m\,h)$$

$$+ \frac{281}{33554432} (e^{(-m\,h)})^6 f0^{12} \,\mathrm{Ei}(-6\,m\,h)$$

$$+ \frac{680435959}{4924686192529637376} (e^{(-m\,h)})^{10} f0^{20} \,\mathrm{Ei}(-10\,m\,h) + \frac{7}{262144} (e^{(-m\,h)})^6 f0^{10} \,\mathrm{Ei}(-4\,m\,h)$$

$$+ \frac{419}{339738624} (e^{(-m\,h)})^8 f0^{10} \,\mathrm{Ei}(-2\,m\,h) + \frac{117739}{695784701952} (e^{(-m\,h)})^8 f0^{14} \,\mathrm{Ei}(-6\,m\,h)$$

$$+ \frac{4333987}{7421703487488} (e^{(-m\,h)})^6 f0^{16} \,\mathrm{Ei}(-10\,m\,h)$$

$$+ \frac{870251}{1603087953297408} (e^{(-m\,h)})^{10} f0^{18} \,\mathrm{Ei}(-8\,m\,h)$$

$$+ \frac{1099}{173946175488} (e^{(-m\,h)})^{10} f0^{14} \,\mathrm{Ei}(-4\,m\,h) + \frac{1}{384} \frac{(e^{(-m\,h)})^4 f0^4}{m^2\,h^2}$$

$$+ \frac{1}{24} (e^{(-m\,h)})^2 f0^4 \,\mathrm{Ei}(-2\,m\,h)\, m\,h + \frac{7}{384} (e^{(-m\,h)})^2 f0^6 \,\mathrm{Ei}(-4\,m\,h)\, m^2\,h^2$$

$$+ \frac{5543}{75497472} (e^{(-m\,h)})^4 f0^{12} \,\mathrm{Ei}(-8\,m\,h)\, m^2\,h^2 + \frac{11}{3072} (e^{(-m\,h)})^4 f0^6 \,\mathrm{Ei}(-2\,m\,h)\, m\,h$$

$$- \frac{6175}{5435817984} \frac{(e^{(-m\,h)})^{10} f0^{10}}{m^2\,h^2} - \frac{1411}{905969664} \frac{(e^{(-m\,h)})^{10} f0^{10}}{m^3\,h^3} - \frac{1}{1572864} \frac{(e^{(-m\,h)})^{10} f0^{10}}{m^5\,h^5}$$

$$+ \frac{5}{262144} \frac{(e^{(-m\,h)})^8 f0^8}{m^3\,h^3} + \frac{2147}{169869312} \frac{(e^{(-m\,h)})^8 f0^8}{m^2\,h^2} - \frac{23}{331776} \frac{(e^{(-m\,h)})^6 f0^6}{m\,h}$$

$$+ \frac{6821}{226492416} \frac{(e^{(-m\,h)})^8 f0^8}{m\,h} + \frac{628687}{56623104000} \frac{(e^{(-m\,h)})^{10} f0^{10}}{m\,h}$$

$$+ \frac{7}{384} (e^{(-m\,h)})^2 f0^6 \,\mathrm{Ei}(-4\,m\,h)\, m\,h + \frac{4333987}{1358954496} f0^{10} \,\mathrm{Ei}(-10\,m\,h)\, m^2\,h^2$$

$$+ \frac{245}{905969664} (e^{(-m\,h)})^8 f0^{12} \,\mathrm{Ei}(-4\,m\,h)\, m^2\,h^2$$

$$+ \frac{341977}{1391569403904} (e^{(-m\,h)})^8 f0^{14} \,\mathrm{Ei}(-6\,m\,h)\, m\,h$$

$$+ \frac{8519}{10871635968} (e^{(-m\,h)})^8 f0^{12} \,\mathrm{Ei}(-4\,m\,h)\, m\,h$$

$$+ \frac{6745831}{100192997081088} (e^{(-m\,h)})^8 f0^{16} \mathrm{Ei}(-8\,m\,h)\,m\,h + \frac{1}{3} f0^2 \mathrm{Ei}(-2\,m\,h)\,m^2 h^2$$

$$+ \frac{9835}{115964116992} (e^{(-m\,h)})^8 f0^{14} \mathrm{Ei}(-6\,m\,h)\,m^2 h^2 - \frac{1}{6144} \frac{(e^{(-m\,h)})^6 f0^6}{m^3 h^3}$$

$$+ \frac{5}{3072} \frac{(e^{(-m\,h)})^4 f0^4}{m\,h} + \frac{5274462179}{307792887033102336} (e^{(-m\,h)})^8 f0^{18} \mathrm{Ei}(-10\,m\,h)\,m\,h$$

$$+ \frac{35}{56623104} (e^{(-m\,h)})^8 f0^{10} \mathrm{Ei}(-2\,m\,h)\,m^2 h^2 + \frac{5543}{442368} f0^8 \mathrm{Ei}(-8\,m\,h)\,m^2 h^2$$

$$+ \frac{7}{48} f0^4 \mathrm{Ei}(-4\,m\,h)\,m^2 h^2 + \frac{60973}{452984832} (e^{(-m\,h)})^4 f0^{12} \mathrm{Ei}(-8\,m\,h)\,m\,h$$

$$+ \frac{17886364349}{102597629011034112000} (e^{(-m\,h)})^{10} f0^{20} \mathrm{Ei}(-10\,m\,h)\,m\,h + \frac{1}{98304} \frac{(e^{(-m\,h)})^8 f0^8}{m^4 h^4}$$

$$+ \frac{281}{6144} f0^6 \mathrm{Ei}(-6\,m\,h)\,m^2 h^2 + \frac{1}{512} (e^{(-m\,h)})^4 f0^6 \mathrm{Ei}(-2\,m\,h)\,m^2 h^2$$

$$+ \frac{194005}{8349416423424} (e^{(-m\,h)})^8 f0^{16} \mathrm{Ei}(-8\,m\,h)\,m^2 h^2$$

$$+ \frac{1217}{679477248} (e^{(-m\,h)})^8 f0^{10} \mathrm{Ei}(-2\,m\,h)\,m\,h + \frac{281}{49152} (e^{(-m\,h)})^2 f0^8 \mathrm{Ei}(-6\,m\,h)\,m^2 h^2$$

$$+ \frac{281}{49152} (e^{(-m\,h)})^2 f0^8 \mathrm{Ei}(-6\,m\,h)\,m\,h$$

$$+ \frac{151689545}{25649407252758528} (e^{(-m\,h)})^8 f0^{18} \mathrm{Ei}(-10\,m\,h)\,m^2 h^2$$

$$+ \frac{281}{1048576} (e^{(-m\,h)})^4 f0^{10} \mathrm{Ei}(-6\,m\,h)\,m^2 h^2 + \frac{1405}{226492416} (e^{(-m\,h)})^6 f0^{12} \mathrm{Ei}(-6\,m\,h)\,m^2 h^2$$

$$+ \frac{7}{8192} (e^{(-m\,h)})^4 f0^8 \mathrm{Ei}(-4\,m\,h)\,m^2 h^2 + \frac{4333987}{10871635968} (e^{(-m\,h)})^2 f0^{12} \mathrm{Ei}(-10\,m\,h)\,m\,h$$

$$+ \frac{28889}{3623878656000} (e^{(-m\,h)})^{10} f0^{14} \mathrm{Ei}(-4\,m\,h)\,m\,h$$

$$+ \frac{49}{20132659200} (e^{(-m\,h)})^{10} f0^{14} \mathrm{Ei}(-4\,m\,h)\,m^2 h^2$$

$$+ \frac{30337909}{569986827839078400} (e^{(-m\,h)})^{10} f0^{20} \mathrm{Ei}(-10\,m\,h)\,m^2 h^2$$

$$+ \frac{20513}{1358954496} (e^{(-m\,h)})^6 f0^{12} \mathrm{Ei}(-6\,m\,h)\,m\,h$$

$$+\frac{47673857}{1391569403904}\left(e^{(-m\,h)}\right)^4 f0^{14}\,\mathrm{Ei}(-10\,m\,h)\,m\,h+\frac{77}{49152}\left(e^{(-m\,h)}\right)^4 f0^{8}\,\mathrm{Ei}(-4\,m\,h)\,m\,h$$

$$+\frac{3091}{6291456}\left(e^{(-m\,h)}\right)^4 f0^{10}\,\mathrm{Ei}(-6\,m\,h)\,m\,h+\frac{35}{1769472}\left(e^{(-m\,h)}\right)^6 f0^{10}\,\mathrm{Ei}(-4\,m\,h)\,m^2\,h^2$$

$$+\frac{404639}{97844723712}\left(e^{(-m\,h)}\right)^6 f0^{14}\,\mathrm{Ei}(-8\,m\,h)\,m\,h+\frac{5}{110592}\left(e^{(-m\,h)}\right)^6 f0^{8}\,\mathrm{Ei}(-2\,m\,h)\,m^2\,h^2$$

$$+\frac{21669935}{50096498540544}\left(e^{(-m\,h)}\right)^6 f0^{16}\,\mathrm{Ei}(-10\,m\,h)\,m^2\,h^2-\frac{5}{24576}\,\frac{\left(e^{(-m\,h)}\right)^6 f0^{6}}{m^2\,h^2}$$

$$-\frac{5}{3145728}\,\frac{\left(e^{(-m\,h)}\right)^{10} f0^{10}}{m^4\,h^4}-\frac{1}{24}\,\frac{\left(e^{(-m\,h)}\right)^2 f0^{2}}{m\,h}$$

$$+\frac{1159687}{463856467968000}\left(e^{(-m\,h)}\right)^{10} f0^{16}\,\mathrm{Ei}(-6\,m\,h)\,m\,h$$

$$+\frac{4333987}{231928233984}\left(e^{(-m\,h)}\right)^4 f0^{14}\,\mathrm{Ei}(-10\,m\,h)\,m^2\,h^2$$

$$+\frac{27715}{16307453952}\left(e^{(-m\,h)}\right)^6 f0^{14}\,\mathrm{Ei}(-8\,m\,h)\,m^2\,h^2$$

$$+\frac{316381051}{300578991243264}\left(e^{(-m\,h)}\right)^6 f0^{16}\,\mathrm{Ei}(-10\,m\,h)\,m\,h$$

$$+\frac{38801}{185542587187200}\left(e^{(-m\,h)}\right)^{10} f0^{18}\,\mathrm{Ei}(-8\,m\,h)\,m^2\,h^2$$

$$+\frac{511}{10616832}\left(e^{(-m\,h)}\right)^6 f0^{10}\,\mathrm{Ei}(-4\,m\,h)\,m\,h+\frac{73}{663552}\left(e^{(-m\,h)}\right)^6 f0^{8}\,\mathrm{Ei}(-2\,m\,h)\,m\,h$$

$$+\frac{5543}{3538944}\left(e^{(-m\,h)}\right)^2 f0^{10}\,\mathrm{Ei}(-8\,m\,h)\,m\,h+\frac{1}{24}\left(e^{(-m\,h)}\right)^2 f0^{4}\,\mathrm{Ei}(-2\,m\,h)\,m^2\,h^2$$

$$+\frac{4333987}{10871635968}\left(e^{(-m\,h)}\right)^2 f0^{12}\,\mathrm{Ei}(-10\,m\,h)\,m^2\,h^2$$

$$+\frac{1967}{2576980377600}\left(e^{(-m\,h)}\right)^{10} f0^{16}\,\mathrm{Ei}(-6\,m\,h)\,m^2\,h^2$$

$$+\frac{22875961}{33397665693696000}\left(e^{(-m\,h)}\right)^{10} f0^{18}\,\mathrm{Ei}(-8\,m\,h)\,m\,h$$

$$+\frac{4127}{226492416000}\left(e^{(-m\,h)}\right)^{10} f0^{12}\,\mathrm{Ei}(-2\,m\,h)\,m\,h$$

$$+\frac{7}{1258291200}\left(e^{(-m\,h)}\right)^{10} f0^{12}\,\mathrm{Ei}(-2\,m\,h)\,m^2\,h^2$$

$$+\frac{5543}{3538944}\left(e^{(-m\,h)}\right)^2 f0^{10}\,\mathrm{Ei}(-8\,m\,h)\,m^2 h^2\Bigg)\Bigg/\Bigg(-\frac{119}{73728}\left(e^{(-m\,h)}\right)^6 f0^6$$

$$-\frac{788743}{9059696640}\left(e^{(-m\,h)}\right)^{10} f0^{10}+\frac{1}{24}\left(e^{(-m\,h)}\right)^2 f0^2$$

$$-\frac{217936565}{51298814505517056}\left(e^{(-m\,h)}\right)^8 f0^{18}\,\mathrm{Ei}(-10\,m\,h)-\frac{17291}{42467328}\left(e^{(-m\,h)}\right)^8 f0^8$$

$$-\frac{5657}{5308416}\left(e^{(-m\,h)}\right)^8 f0^8\,m\,h-\frac{1}{12}\left(e^{(-m\,h)}\right)^2 f0^2\,m\,h-\frac{5}{192}\left(e^{(-m\,h)}\right)^4 f0^4\,m\,h$$

$$-\frac{1}{768}\left(e^{(-m\,h)}\right)^4 f0^4-\frac{1304347}{75144747810816}\left(e^{(-m\,h)}\right)^8 f0^{16}\,\mathrm{Ei}(-8\,m\,h)$$

$$-\frac{3113}{3623878656}\left(e^{(-m\,h)}\right)^6 f0^{14}\,\mathrm{Ei}(-8\,m\,h)-\frac{67}{12288}\left(e^{(-m\,h)}\right)^6 f0^6\,m\,h$$

$$-\frac{419}{1811939328}\left(e^{(-m\,h)}\right)^8 f0^{12}\,\mathrm{Ei}(-4\,m\,h)-\frac{5809}{7421703487488}\left(e^{(-m\,h)}\right)^{10} f0^{16}\,\mathrm{Ei}(-6\,m\,h)$$

$$-\frac{157}{21743271936}\left(e^{(-m\,h)}\right)^{10} f0^{12}\,\mathrm{Ei}(-2\,m\,h)-\frac{565445}{2717908992}\left(e^{(-m\,h)}\right)^{10} f0^{10}\,m\,h$$

$$-\frac{1}{4096}\left(e^{(-m\,h)}\right)^4 f0^8\,\mathrm{Ei}(-4\,m\,h)-\frac{520135}{115964116992}\left(e^{(-m\,h)}\right)^4 f0^{14}\,\mathrm{Ei}(-10\,m\,h)$$

$$-\frac{1}{1536}\left(e^{(-m\,h)}\right)^4 f0^6\,\mathrm{Ei}(-2\,m\,h)-\frac{3113}{169869312}\left(e^{(-m\,h)}\right)^4 f0^{12}\,\mathrm{Ei}(-8\,m\,h)$$

$$-\frac{37}{524288}\left(e^{(-m\,h)}\right)^4 f0^{10}\,\mathrm{Ei}(-6\,m\,h)-\frac{1}{32768}\left(e^{(-m\,h)}\right)^6 f0^8\,\mathrm{Ei}(-2\,m\,h)$$

$$-\frac{111}{33554432}\left(e^{(-m\,h)}\right)^6 f0^{12}\,\mathrm{Ei}(-6\,m\,h)$$

$$-\frac{81661195}{1641562064176545792}\left(e^{(-m\,h)}\right)^{10} f0^{20}\,\mathrm{Ei}(-10\,m\,h)-\frac{3}{262144}\left(e^{(-m\,h)}\right)^6 f0^{10}\,\mathrm{Ei}(-4\,m\,h)$$

$$-\frac{419}{679477248}\left(e^{(-m\,h)}\right)^8 f0^{10}\,\mathrm{Ei}(-2\,m\,h)-\frac{15503}{231928233984}\left(e^{(-m\,h)}\right)^8 f0^{14}\,\mathrm{Ei}(-6\,m\,h)$$

$$-\frac{520135}{2473901162496}\left(e^{(-m\,h)}\right)^6 f0^{16}\,\mathrm{Ei}(-10\,m\,h)$$

$$-\frac{488741}{2404631929946112}\left(e^{(-m\,h)}\right)^{10} f0^{18}\,\mathrm{Ei}(-8\,m\,h)$$

$$-\frac{157}{57982058496}\left(e^{(-m\,h)}\right)^{10} f0^{14}\,\mathrm{Ei}(-4\,m\,h)+\frac{5}{6144}\frac{\left(e^{(-m\,h)}\right)^4 f0^4}{m^2 h^2}$$

$$- \frac{1}{48} \left(e^{(-m\,h)}\right)^2 f0^4 \operatorname{Ei}(-2\,m\,h)\,m\,h - \frac{1}{128} \left(e^{(-m\,h)}\right)^2 f0^6 \operatorname{Ei}(-4\,m\,h)\,m^2\,h^2$$

$$- \frac{3113}{113246208} \left(e^{(-m\,h)}\right)^4 f0^{12} \operatorname{Ei}(-8\,m\,h)\,m^2\,h^2 - \frac{11}{6144} \left(e^{(-m\,h)}\right)^4 f0^6 \operatorname{Ei}(-2\,m\,h)\,m\,h$$

$$+ \frac{16687}{113246208000} \frac{\left(e^{(-m\,h)}\right)^{10} f0^{10}}{m^2\,h^2} - \frac{3871}{10871635968} \frac{\left(e^{(-m\,h)}\right)^{10} f0^{10}}{m^3\,h^3}$$

$$- \frac{5}{6291456} \frac{\left(e^{(-m\,h)}\right)^{10} f0^{10}}{m^5\,h^5} + \frac{2147}{339738624} \frac{\left(e^{(-m\,h)}\right)^8 f0^8}{m^3\,h^3} + \frac{677}{452984832} \frac{\left(e^{(-m\,h)}\right)^8 f0^8}{m^2\,h^2}$$

$$- \frac{1}{73728} \frac{\left(e^{(-m\,h)}\right)^8 f0^8}{m\,h} - \frac{5}{1048576} \frac{\left(e^{(-m\,h)}\right)^{10} f0^{10}}{m\,h} - \frac{1}{128} \left(e^{(-m\,h)}\right)^2 f0^6 \operatorname{Ei}(-4\,m\,h)\,m\,h$$

$$- \frac{520135}{452984832} f0^{10} \operatorname{Ei}(-10\,m\,h)\,m^2\,h^2 - \frac{35}{301989888} \left(e^{(-m\,h)}\right)^8 f0^{12} \operatorname{Ei}(-4\,m\,h)\,m^2\,h^2$$

$$- \frac{45029}{463856467968} \left(e^{(-m\,h)}\right)^8 f0^{14} \operatorname{Ei}(-6\,m\,h)\,m\,h$$

$$- \frac{1217}{3623878656} \left(e^{(-m\,h)}\right)^8 f0^{12} \operatorname{Ei}(-4\,m\,h)\,m\,h$$

$$- \frac{3788521}{150289495621632} \left(e^{(-m\,h)}\right)^8 f0^{16} \operatorname{Ei}(-8\,m\,h)\,m\,h - \frac{1}{6} f0^2 \operatorname{Ei}(-2\,m\,h)\,m^2\,h^2$$

$$- \frac{1295}{38654705664} \left(e^{(-m\,h)}\right)^8 f0^{14} \operatorname{Ei}(-6\,m\,h)\,m^2\,h^2 - \frac{5}{49152} \frac{\left(e^{(-m\,h)}\right)^6 f0^6}{m^3\,h^3}$$

$$- \frac{633004295}{102597629011034112} \left(e^{(-m\,h)}\right)^8 f0^{18} \operatorname{Ei}(-10\,m\,h)\,m\,h$$

$$- \frac{35}{113246208} \left(e^{(-m\,h)}\right)^8 f0^{10} \operatorname{Ei}(-2\,m\,h)\,m^2\,h^2 - \frac{3113}{663552} f0^8 \operatorname{Ei}(-8\,m\,h)\,m^2\,h^2$$

$$- \frac{1}{16} f0^4 \operatorname{Ei}(-4\,m\,h)\,m^2\,h^2 - \frac{34243}{679477248} \left(e^{(-m\,h)}\right)^4 f0^{12} \operatorname{Ei}(-8\,m\,h)\,m\,h$$

$$- \frac{429319429}{6839841934068940800} \left(e^{(-m\,h)}\right)^{10} f0^{20} \operatorname{Ei}(-10\,m\,h)\,m\,h + \frac{5}{524288} \frac{\left(e^{(-m\,h)}\right)^8 f0^8}{m^4\,h^4}$$

$$- \frac{37}{2048} f0^6 \operatorname{Ei}(-6\,m\,h)\,m^2\,h^2 - \frac{1}{1024} \left(e^{(-m\,h)}\right)^4 f0^6 \operatorname{Ei}(-2\,m\,h)\,m^2\,h^2$$

$$- \frac{108955}{12524124635136} \left(e^{(-m\,h)}\right)^8 f0^{16} \operatorname{Ei}(-8\,m\,h)\,m^2\,h^2$$

$$- \frac{1217}{1358954496} (e^{(-m h)})^8 f0^{10} \mathrm{Ei}(-2 m h) m h - \frac{37}{16384} (e^{(-m h)})^2 f0^8 \mathrm{Ei}(-6 m h) m^2 h^2$$

$$- \frac{37}{16384} (e^{(-m h)})^2 f0^8 \mathrm{Ei}(-6 m h) m h$$

$$- \frac{18204725}{8549802417586176} (e^{(-m h)})^8 f0^{18} \mathrm{Ei}(-10 m h) m^2 h^2$$

$$- \frac{111}{1048576} (e^{(-m h)})^4 f0^{10} \mathrm{Ei}(-6 m h) m^2 h^2 - \frac{185}{75497472} (e^{(-m h)})^6 f0^{12} \mathrm{Ei}(-6 m h) m^2 h^2$$

$$- \frac{3}{8192} (e^{(-m h)})^4 f0^8 \mathrm{Ei}(-4 m h) m^2 h^2 - \frac{520135}{3623878656} (e^{(-m h)})^2 f0^{12} \mathrm{Ei}(-10 m h) m h$$

$$- \frac{4127}{1207959552000} (e^{(-m h)})^{10} f0^{14} \mathrm{Ei}(-4 m h) m h$$

$$- \frac{7}{6710886400} (e^{(-m h)})^{10} f0^{14} \mathrm{Ei}(-4 m h) m^2 h^2$$

$$- \frac{728189}{37999121855938560} (e^{(-m h)})^{10} f0^{20} \mathrm{Ei}(-10 m h) m^2 h^2$$

$$- \frac{2701}{452984832} (e^{(-m h)})^6 f0^{12} \mathrm{Ei}(-6 m h) m h$$

$$- \frac{5721485}{463856467968} (e^{(-m h)})^4 f0^{14} \mathrm{Ei}(-10 m h) m h - \frac{11}{16384} (e^{(-m h)})^4 f0^8 \mathrm{Ei}(-4 m h) m h$$

$$- \frac{407}{2097152} (e^{(-m h)})^4 f0^{10} \mathrm{Ei}(-6 m h) m h - \frac{5}{589824} (e^{(-m h)})^6 f0^{10} \mathrm{Ei}(-4 m h) m^2 h^2$$

$$- \frac{227249}{146767085568} (e^{(-m h)})^6 f0^{14} \mathrm{Ei}(-8 m h) m h - \frac{5}{221184} (e^{(-m h)})^6 f0^8 \mathrm{Ei}(-2 m h) m^2 h^2$$

$$- \frac{2600675}{16698832846848} (e^{(-m h)})^6 f0^{16} \mathrm{Ei}(-10 m h) m^2 h^2 - \frac{23}{663552} \frac{(e^{(-m h)})^6 f0^6}{m^2 h^2}$$

$$- \frac{1411}{1811939328} \frac{(e^{(-m h)})^{10} f0^{10}}{m^4 h^4} - \frac{152699}{154618822656000} (e^{(-m h)})^{10} f0^{16} \mathrm{Ei}(-6 m h) m h$$

$$- \frac{520135}{77309411328} (e^{(-m h)})^4 f0^{14} \mathrm{Ei}(-10 m h) m^2 h^2$$

$$- \frac{15565}{24461180928} (e^{(-m h)})^6 f0^{14} \mathrm{Ei}(-8 m h) m^2 h^2$$

$$- \frac{37969855}{100192997081088} (e^{(-m h)})^6 f0^{16} \mathrm{Ei}(-10 m h) m h$$

$$- \frac{21791}{278313880780800} \left(e^{(-m h)}\right)^{10} f0^{18} \operatorname{Ei}(-8 m h) m^2 h^2$$

$$- \frac{73}{3538944} \left(e^{(-m h)}\right)^{6} f0^{10} \operatorname{Ei}(-4 m h) m h - \frac{73}{1327104} \left(e^{(-m h)}\right)^{6} f0^{8} \operatorname{Ei}(-2 m h) m h$$

$$- \frac{3113}{5308416} \left(e^{(-m h)}\right)^{2} f0^{10} \operatorname{Ei}(-8 m h) m h - \frac{1}{48} \left(e^{(-m h)}\right)^{2} f0^{4} \operatorname{Ei}(-2 m h) m^2 h^2$$

$$- \frac{520135}{3623878656} \left(e^{(-m h)}\right)^{2} f0^{12} \operatorname{Ei}(-10 m h) m^2 h^2$$

$$- \frac{259}{858993459200} \left(e^{(-m h)}\right)^{10} f0^{16} \operatorname{Ei}(-6 m h) m^2 h^2$$

$$- \frac{12847351}{50096498540544000} \left(e^{(-m h)}\right)^{10} f0^{18} \operatorname{Ei}(-8 m h) m h$$

$$- \frac{4127}{452984832000} \left(e^{(-m h)}\right)^{10} f0^{12} \operatorname{Ei}(-2 m h) m h$$

$$- \frac{7}{2516582400} \left(e^{(-m h)}\right)^{10} f0^{12} \operatorname{Ei}(-2 m h) m^2 h^2 - \frac{3113}{5308416} \left(e^{(-m h)}\right)^{2} f0^{10} \operatorname{Ei}(-8 m h) m^2 h^2$$

$$+ \frac{1}{3} \frac{1}{m h} - \frac{1}{3145728} \frac{\left(e^{(-m h)}\right)^{10} f0^{10}}{m^6 h^6} + \frac{1}{196608} \frac{\left(e^{(-m h)}\right)^{8} f0^{8}}{m^5 h^5} - \frac{1}{48} \frac{\left(e^{(-m h)}\right)^{2} f0^{2}}{m^2 h^2}$$

$$\left. + \frac{1}{768} \frac{\left(e^{(-m h)}\right)^{4} f0^{4}}{m^3 h^3} - \frac{1}{12288} \frac{\left(e^{(-m h)}\right)^{6} f0^{6}}{m^4 h^4} \right)$$

>