sqrt(a∗r)∗sqrt(|(|(2∗(d−λ/4))|^4∗(e^(i∗2∗k∗r)))|/(4∗pi∗r^2)∗|16∗pi^2

Input:

$$\left\{\sqrt{a\,r}\times\frac{\sqrt{\left|\frac{\left\|2\left(d-\frac{\lambda}{4}\right)\right\|^4\,e^{i\times 2\,k\,r}}{4\,\pi\,r^2}\right|}\left|16\times\frac{\pi^2}{\left|2\left(d-\frac{\lambda}{4}\right)\right|^4\,k^2\,e^{i\times 2\,k\,a}}\right|}{3\sqrt{\pi}\;d},\right.$$

$$\left. d=0.999,\,a=1,\,r=1,\,k\,r=1\right\}$$

Result:

$$\left\{\frac{2\sqrt{a\,r}\;\left|d-\frac{\lambda}{4}\right|^2\sqrt{\frac{e^{2\,\mathrm{Im}(a\,k)-2\,\mathrm{Im}(k\,r)}}{r^2}}\sqrt{\left|\frac{1}{k^2\left|d-\frac{\lambda}{4}\right|^4}\right|}}{3\,d},\ d=0.999,\ a=1,\ r=1,\ k\,r=1\right\}$$

Substitution:

$$\frac{2\sqrt{\frac{1}{r^2}}\;\sqrt{a\,r}\;e^{\mathrm{Im}(a\,k)-\mathrm{Im}(k\,r)}}{3\,d\,|k|}=\frac{2000}{2997}$$
