

$$Out[\bullet]= K\left(\frac{4(\sqrt{2}+\sqrt{3})}{(\sqrt{2}+1)^2(\sqrt{3}+1)^2}\right)=\frac{(\sqrt{3}+1)^{5/6}\sqrt{\frac{\sqrt{2}+1}{\sqrt{2}+\sqrt{3}}}\left(\left(-\frac{1}{12}\right)!\right)^{2/3}\frac{1}{24}!\sqrt[3]{\frac{\pi}{\frac{1}{12}!}}}{2^{2/3}\sqrt[12]{3}\left(-\frac{1}{24}\right)!}$$

$$Out[\bullet]= K\left(1-\frac{4(\sqrt{2}+\sqrt{3})}{(\sqrt{2}+1)^2(\sqrt{3}+1)^2}\right)=K\left(\frac{4(\sqrt{2}+\sqrt{3})^2}{(\sqrt{3}+1)^4}\right)$$

$$Out[\bullet]=\frac{K\left(1-\frac{4(\sqrt{2}+\sqrt{3})}{(\sqrt{2}+1)^2(\sqrt{3}+1)^2}\right)}{K\left(\frac{4(\sqrt{2}+\sqrt{3})}{(\sqrt{2}+1)^2(\sqrt{3}+1)^2}\right)}=\sqrt{\frac{3}{2}}$$