

Izračunajte $(\sqrt{2}-\sqrt{3})\sqrt{\sqrt{2}+\sqrt{3}} + \sqrt[4]{\frac{\sqrt{3}-\sqrt{2}}{\sqrt{3}+\sqrt{2}}}$

$a\sqrt{b} = \sqrt{a^2 \cdot b}$ NE PA
 $a\sqrt{b} = \sqrt{a+b}$
 KOT SI DELALTI

$$= \sqrt{\cancel{\sqrt{2}}\cancel{\sqrt{3}} + \sqrt{2} + \sqrt{3}} + \sqrt[4]{\frac{\sqrt{3}-\sqrt{2}}{\sqrt{3}+\sqrt{2}}}$$

$$= \sqrt{2} + \sqrt[4]{\frac{\sqrt{3}-\sqrt{2}}{\sqrt{3}+\sqrt{2}}}$$

$$= \sqrt{2} + \left(\frac{\sqrt{3}-\sqrt{2}}{\sqrt{3}+\sqrt{2}}\right)^{\frac{1}{4}}$$

$$= \sqrt{16} + \frac{\sqrt{3}-\sqrt{2}}{\sqrt{3}+\sqrt{2}}$$

$$= 4 + \frac{\sqrt{1}}{\sqrt{5}} = \frac{\sqrt{16} \cdot \sqrt{5} + \sqrt{1}}{\sqrt{5}}$$

$$= \frac{\sqrt{81}}{\sqrt{5}} = \frac{9}{\sqrt{5}} = \frac{81}{5} = \underline{\underline{16,20}}$$

$(\sqrt{2}-\sqrt{3})\sqrt{\sqrt{2}+\sqrt{3}} \neq \sqrt{\sqrt{2}-\sqrt{3}+\sqrt{2}+\sqrt{3}} \dots$
 AMPAK
 $= \sqrt{(\sqrt{2}-\sqrt{3})^2(\sqrt{2}+\sqrt{3})}$
 itd.

PLANUM
 150/9 !!!
 (PRIMER) ...