

$$\begin{aligned} \underline{N: 225} & \left[\left(0, \overline{1} + 0, \overline{27} \right) : \left(0, \overline{83} - \frac{7}{9} \right) \right] : \left(0, \overline{27} + 1, \overline{6} + 0, \overline{39} \right) = \\ & \left[\begin{array}{l} 0, \overline{1} = \frac{1}{9} \quad / \quad 0, \overline{27} = \frac{27-2}{90} = \frac{25}{90} = \frac{5}{18} \quad / \quad 0, \overline{83} = \frac{83-8}{90} = \frac{75}{90} = \frac{5}{6} \\ 0, \overline{27} = \frac{27}{99} = \frac{3}{11} \quad / \quad 1, \overline{6} = \frac{16-1}{9} = \frac{15}{9} = \frac{5}{3} \quad / \quad 0, \overline{39} = \frac{39}{99} = \frac{13}{33} \end{array} \right. \end{aligned}$$

$$= \left[\left(\frac{1}{9} + \frac{5}{18} \right) : \left(\frac{5}{6} - \frac{7}{9} \right) \right] : \left(\frac{3}{11} + \frac{5}{3} + \frac{13}{33} \right) =$$

$$= \left[\left(\frac{2+5}{18} \right) : \left(\frac{15-14}{18} \right) \right] : \left(\frac{9+55+13}{33} \right) =$$

$$= \left[\frac{7}{18} \cdot \frac{18}{1} \right] \cdot \frac{33}{77} = \frac{7}{77} \cdot \frac{33}{11} = \frac{33}{11} = 3$$

$$\begin{aligned} \underline{N: 226} & 1 + \frac{1}{3} : \left[1 + 0, \overline{3} \cdot \left(4,2 - 4 - \frac{1}{10} \right)^2 \cdot 16, \overline{6} - 0,1 \overline{6} \right] - 0,375 = \\ & = 1 + \frac{1}{3} : \left[1 + 0, \overline{3} \cdot \left(4,2 - 4 - 0,1 \right)^2 \cdot 16, \overline{6} - 0,1 \overline{6} \right] - 0,375 = \\ & = 1 + \frac{1}{3} : \left[1 + 0, \overline{3} \cdot \left(0,1 \right)^2 \cdot 16, \overline{6} - 0,1 \overline{6} \right] - 0,375 = \\ & = 1 + \frac{1}{3} : \left[1 + 0, \overline{3} \cdot 0,01 \cdot 16, \overline{6} - 0,1 \overline{6} \right] - 0,375 = \\ & \left[\begin{array}{l} 0, \overline{3} = \frac{3}{9} = \frac{1}{3} \quad / \quad 16, \overline{6} = \frac{166-16}{9} = \frac{150}{9} = \frac{50}{3} \quad / \quad 0,375 = \frac{375}{1000} = \frac{75}{200} = \\ 0,01 = \frac{1}{100} \quad / \quad 0,1 \overline{6} = \frac{16-1}{90} = \frac{15}{90} = \frac{1}{6} \quad \quad \quad = \frac{15}{40} = \frac{3}{8} \end{array} \right. \end{aligned}$$

$$= 1 + \frac{1}{3} : \left[1 + \frac{1}{3} \cdot \frac{1}{100} \cdot \frac{50}{3} - \frac{1}{6} \right] - \frac{3}{8} =$$

$$= 1 + \frac{1}{3} : \left[1 + \frac{1}{18} - \frac{1}{6} \right] - \frac{3}{8} =$$

$$= 1 + \frac{1}{3} : \left[\frac{18+1-3}{18} \right] - \frac{3}{8} =$$

$$= 1 + \frac{1}{3} \cdot \frac{16}{18} - \frac{3}{8} = \frac{8+8-3}{8} = \frac{13}{8} = 1 \frac{5}{8}$$