Pemerue:

$$\frac{1}{2\sqrt{2}} + \frac{1}{3\sqrt{2}} + \frac{1}{111} + \frac{1}{(N1)\sqrt{N21}} + 111 = d_1 + d_2 + 111 + d_4 + 111 \leq 2$$

$$\Leftrightarrow \sum_{N=1}^{2} d_N = \sum_{N=1}^{2} \frac{1}{(N2)\sqrt{N21}} = \sum_{N=1}^{2} (N2)^{-\frac{3}{2}}$$

$$N=1$$

$$N=1$$

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$$\lim_{N\to\infty} d_{N} = \lim_{N\to\infty} (N + 1)^{-\frac{3}{2}} = \lim_{N\to\infty} (N (1 + \frac{1}{N}))^{-\frac{3}{2}} = \lim_{N\to\infty} \left(\frac{\frac{1}{N}}{1 + \frac{1}{N}}\right)^{\frac{3}{2}} = \lim_{N\to\infty} \left(\frac{1}{N} + \frac{1}{N}\right)^{\frac{3}{2}} = \lim_{N\to\infty} \left(\frac{1}{N} + \frac{$$

$$= \left(\frac{17 \sqrt{100} \sqrt{2}}{\sqrt{100} \sqrt{2}}\right)_{\frac{1}{2}} = \left(\frac{1}{0}\right)_{\frac{1}{2}} = \left(\frac{1}{0}\right)_{\frac{1}{2}} = 0_{\frac{1}{2}} = 0$$

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$$Q_{N-1}(N+1)^{-\frac{3}{2}} = (N(1+\frac{1}{4}))^{-\frac{3}{2}} \cdot N^{-\frac{3}{2}} (1+\frac{1}{4})^{-\frac{3}{2}} \iff Q_{N}(N-\frac{3}{2}) = (1+\frac{1}{4})^{-\frac{3}{2}}$$

Onlew:
$$N=1$$
 $N=1$ $N=1$

$$|\nabla^{N-1} \mathcal{D}(N_{\frac{3}{2}}) | N \rightarrow \infty$$

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