A TEST MATRIX FOR INVERSION

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$$T = t_{ij} = \begin{cases} d, & i = j \\ 1, & i \neq j \end{cases}$$

$$V = v_{ij} = \begin{cases} \dfrac{d + n - 2}{d(d + n - 2) - (n - 1)}, & i = j \\ \dfrac{-1}{d(d + n - 2) - (n - 1)}, & i \neq j \end{cases}$$