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B. NAPCA NAPCA's Method Is To Rank PCs In Terms Of SNR. Assume That  $\Sigma$  Can Be

Decomposed Into Signal And Noise Components, I.e.,  $\Sigma = \Sigma S + \Sigma N$ . NAPCA Is Performed In Two Steps [10]. The first Step Conducts Noise Whitening To The Original Data, And The Second Step Performs Ordinary PCA To The Noise-whitened Data. 1th, 2024

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