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different pca models one for the x s and one for the y s and finds the links between the two mathematically the difference is as follows in pca we are maximizing the variance that is explained by the model in pls we are maximizing the covariance

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vibrational spectroscopic image analysis of biological Jul 02 2023 pca is a multivariate analysis method that takes the entire spectrum of the pixel into account to describe the variation within the image using a small number of basic contributions principal

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interactive exploration and classification of most types of technical multivariate imagery we present a general strategy for multivariate image analysis illustrated by a remote sensing showcase

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