Emerging Geometries for Statistical Science: I. A Very Short Introduction Look what geometry could do for you!

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 - T = B + W sums-of-squares decompositions, and ...
 - PCA viewed as 'On lines and planes of closest fit' ...
 - express and exploit Pythagoras' theorem,
 - orthogonal projection providing the necessary right-angle

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What geometry could do for you! ...

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