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machine learning : linear algebra.

Report:

matrices make linear mappings -

- * The way to write matrix transformation down is called Einstein summation convention!
- * all sorts of matrix properties that might want, inverse so on, determinants.
- * So this is why the projection is symmetric & the dot product is symmetric & why the projection is to dot product.
- * So if I call Bear's transformation matrix B , I'm going to want B inverse, B^{-1} to the minus one.
- * If I want to take Bear's vector into my world you need bear basis in my coordinate frame & if you want to do the reverse, you want basis in Bear's co-ordinate frame.

