

A now of M is one player's list of "meta-statistics". A column of CL Focules on some meta-stat and evaluates all players using that meta-stat. Quiz review. L'si of topics is on Ed. 1. Vect Spc. Fundamentels 2. Inner products + Duals 3. Convexity 4. Norms 5. Differentials + Gradients 6. Volumes in IRª 7. Matrices. E.g. The inner product $\langle \begin{bmatrix} x_1 \\ x_2 \end{bmatrix}, \begin{bmatrix} y_1 \\ y_2 \end{bmatrix} \rangle = x_1y_1 + \frac{1}{2}x_1y_2 + \frac{1}{2}x_2y_1 + \frac{1}{2}x_2y_2 + \frac{1}{2}x_2y_1$ is non-degenerate.

So it defines an isomorphism $\mathbb{R} \longrightarrow (\mathbb{R}^2)^*$. Write the now vector in (R2)* corresponding E.s. For each of these functions is it convex? $f(x,y) = x^2 - y^2$ $g(ay) = x^2 - y$ $h(x,y) = (x-y)^2$ E.g. Which of the following is the? lin $d^{\frac{1}{2}} \cdot (v \circ l_d (B_2^d(1)))^{\frac{1}{d}}$ is finite lin $d^{-\frac{1}{2}} \left(vol_{\mathbf{d}} \left(B_{2}^{\mathbf{d}}(1) \right) \right)^{\overset{\circ}{\mathbf{d}}}$ is > 0both neither Fact, vold (Bold) a (c)d Vold (B2(1)) d ~ C