

$$\frac{1}{p} = \frac{1}{q} + \frac{1}$$

EX If S, arrives at S2 m R3 by a night motion then S, and S2 are isometric. Crotations and translations Big idea: Since an isometry f preserves the first fundamental form it preserves all measurements defined via first fundamental form ( e.g.: length, angles, avea, distance blue pts. I see : Gaussian curvature.