







<section-header>Divergence of a vector field• Look for sources and sinks in another<br/>vector field:• P(x,y) =  $\binom{\sin 2x}{\cos 2y}$ •  $\bar{F}(x,y) = \binom{\sin 2x}{\cos 2y}$ <br/>=  $2\cos 2x - 2\sin 2y$ • Potr  $\bar{F}$  and  $\nabla \cdot \bar{F}$ :<br/>Vector field and divergence







