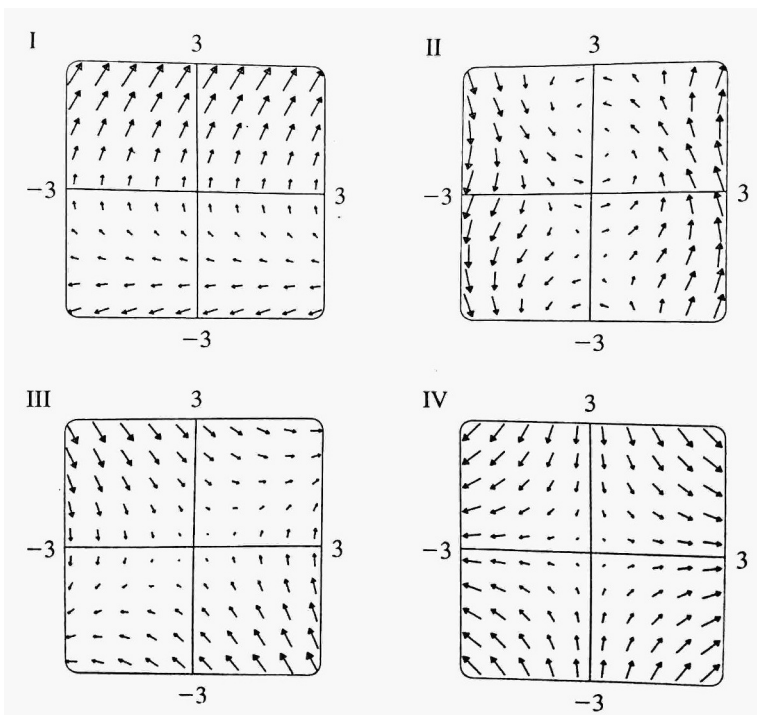


1. Match the vector fields  $F$  with the plots labeled I - IV:

- (a)  $F(x, y) = \langle x, -y \rangle$
- (b)  $F(x, y) = \langle y, x - y \rangle$
- (c)  $F(x, y) = \langle y, y + 2 \rangle$
- (d)  $F(x, y) = \langle \cos(x + y), x \rangle$



2. Match the vector fields  $F$  with the plots labeled I - IV:

(a)  $F(x, y, z) = \mathbf{i} + 2\mathbf{j} + 3\mathbf{k}$

(b)  $F(x, y, z) = \mathbf{i} + 2\mathbf{j} + z\mathbf{k}$

(c)  $F(x, y, z) = x\mathbf{i} + y\mathbf{j} + 3\mathbf{k}$

(d)  $F(x, y, z) = x\mathbf{i} + y\mathbf{j} + z\mathbf{k}$

