
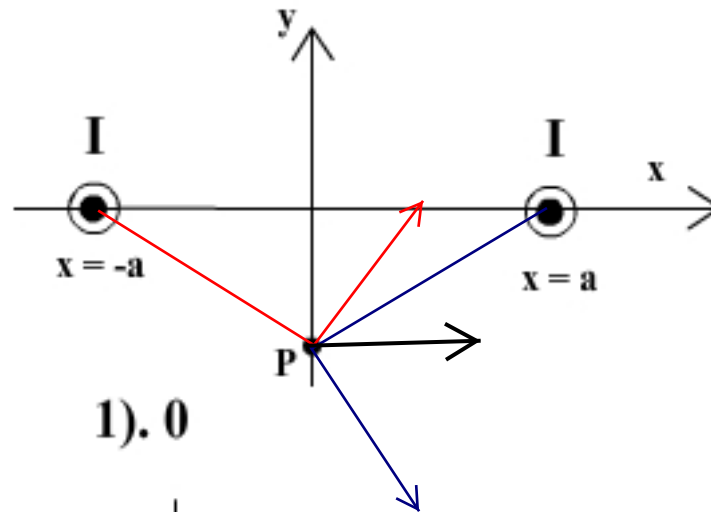


Two very long wires carrying equal current,  $I$ , are placed parallel to the  $z$ -axis. One wire is located at  $(-a,0)$  and the other is located at  $(a,0)$ . Both wires carry current out of the screen. The direction that best describes the magnetic field at point  $P$  located at  $(0, -P)$  is: 



- 1). 0
- 2). ↓
- 3). ↑
- 4). ←
- 5). →

A positively charged disc is rotated (clockwise when viewed from above) with constant angular speed about an axis passing through the disc's center of mass and perpendicular to the plane containing the disc. At point P, located directly to the right of the disc's center of mass but outside the disc, the direction of the magnetic field is 