



Question

If f , g , and h are differentiable functions, which of these vector fields must have constant curl?

- A. $(g(y) + 2z)\vec{i} + (f(x) + y)\vec{j} + (h(z) - x)\vec{k}$
- B. $(h(z) - x)\vec{i} + (g(y) + 2z)\vec{j} + (f(x) + y)\vec{k}$
- C. $(f(x) + y)\vec{i} + (h(z) - x)\vec{j} + (g(y) + 2z)\vec{k}$
- D. $(f(x) + y)\vec{i} + (g(y) + 2z)\vec{j} + (h(z) - x)\vec{k}$