



Question

If $\vec{r}(u, v) = u^2\vec{i} + (u + 2)v\vec{j} + v^2\vec{k}$ is a parametrization of a surface S , which values of the parameters correspond to the point $(4, 0, 1)$ on S ?

- A. $u = 2, v = 1$
- B. $u = 2, v = -1$
- C. $u = -2, v = 1$
- D. $u = -2, v = -1$
- E. More than one of the above.