4. 向量 $|a| = |b| = 1, |c| = \sqrt{2}$,且 a+b+c=0 ,则 $\cos(a-c,b-c) = ($

A. $-\frac{1}{5}$ B. $-\frac{2}{5}$ C. $\frac{2}{5}$ D. $\frac{4}{5}$