计算高维定间的几何小量

11 \$ (b) - \$ (b))1 2	= (\$(+)-\$15)) ^T	(ゆけ)ーゆ(か))
	· 1,	T , 10

$$= \phi(b)^{T} \phi(b) - 2\phi(b)^{T} \phi(b') + \phi^{T}(b') \phi(b')$$

$$= \langle \phi(b), \phi(b) \rangle - 2 \langle \phi(b), \phi(b) \rangle + \langle \phi(b'), \phi(b') \rangle$$

$$<\phi(b),\phi(b')>=||\phi(b)||\cdot||\phi(b')||Cos0$$

$$= \frac{\langle \phi(b), \phi(b') \rangle}{||\phi(b)||||\phi(b')||} = \frac{\langle \phi(b), \phi(b') \rangle}{\sqrt{\langle \phi(b), \phi(b) \rangle} \cdot \sqrt{\phi(b') \cdot \phi(b')}}$$



