

**Yes** *Buy*

# The GOOD COP





**Good Cop**  
Masala

Net Weight	500gr
QTY/CTN	1x12



**Good Cop**  
Ginger

Net Weight	500gr
QTY/CTN	1x12



**Good Cop**  
Cardamom

Net Weight	500gr
QTY/CTN	1x12



**Good Cop**  
Milk Tea

Net Weight	500gr
QTY/CTN	1x12



**Good Cop**  
Assorted

Net Weight	300gr
QTY/CTN	1x24

the  $\mathbb{R}^n$  is a linear space over  $\mathbb{R}$  with the usual addition and scalar multiplication. The inner product is defined by

$$(x, y) = x_1 y_1 + x_2 y_2 + \dots + x_n y_n \quad (1)$$

where  $x = (x_1, x_2, \dots, x_n)$  and  $y = (y_1, y_2, \dots, y_n)$  are vectors in  $\mathbb{R}^n$ .

The norm of a vector  $x$  is defined by

$$\|x\| = \sqrt{(x, x)} = \sqrt{x_1^2 + x_2^2 + \dots + x_n^2} \quad (2)$$

The distance between two vectors  $x$  and  $y$  is defined by

$$\|x - y\| = \sqrt{(x - y, x - y)} = \sqrt{(x_1 - y_1)^2 + (x_2 - y_2)^2 + \dots + (x_n - y_n)^2} \quad (3)$$

The angle between two vectors  $x$  and  $y$  is defined by

$$\cos \theta = \frac{(x, y)}{\|x\| \|y\|} \quad (4)$$

The orthogonal projection of a vector  $x$  onto a vector  $y$  is defined by

$$\text{proj}_y x = \frac{(x, y)}{(y, y)} y \quad (5)$$

The orthogonal distance from a vector  $x$  to a vector  $y$  is defined by

$$\|x - \text{proj}_y x\| = \sqrt{\|x\|^2 - \frac{(x, y)^2}{\|y\|^2}} \quad (6)$$

The orthogonal distance from a vector  $x$  to a subspace  $S$  is defined by

$$\|x - \text{proj}_S x\| = \sqrt{\|x\|^2 - \sum_{i=1}^k \frac{(x, e_i)^2}{\|e_i\|^2}} \quad (7)$$

where  $e_1, e_2, \dots, e_k$  are an orthonormal basis for  $S$ .

The orthogonal distance from a point  $x$  to a line  $L$  is defined by

$$\|x - \text{proj}_L x\| = \sqrt{\|x\|^2 - \frac{(x, d)^2}{\|d\|^2}} \quad (8)$$

where  $d$  is a direction vector of the line  $L$ .

The orthogonal distance from a point  $x$  to a plane  $P$  is defined by

$$\|x - \text{proj}_P x\| = \sqrt{\|x\|^2 - \sum_{i=1}^2 \frac{(x, e_i)^2}{\|e_i\|^2}} \quad (9)$$

where  $e_1, e_2$  are an orthonormal basis for the plane  $P$ .

The orthogonal distance from a point  $x$  to a sphere  $S$  is defined by

$$\|x - \text{proj}_S x\| = \sqrt{\|x\|^2 - r^2} \quad (10)$$

where  $r$  is the radius of the sphere  $S$ .