from linearalgebra import det

from trigonometry import atan2

$$a = v_i - p$$
$$b = v_j - p$$
$$c = v_k - p$$
$$a = \|a\|_2$$
$$b = \|b\|_2$$
$$c = \|c\|_2$$
$$\frac{atan2\left(det\left(\begin{bmatrix} a & b & c \end{bmatrix}\right), (abc + (a \cdot b)\, c + (b \cdot c)\, a + (c \cdot a)\, b)\right)}{2\pi}$$

where

- $v_i \in \mathbb{R}^3$

- $v_j \in \mathbb{R}^3$

- $v_k \in \mathbb{R}^3$

- $p \in \mathbb{R}^3$

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