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Kelas : Teknik Informatika 4E

| | P_1 | P_2 | t |
|--|-------|-------|-----|
| | -1 | -1 | -1 |
| | -1 | 1 | 1 |
| | 1 | -1 | 1 |
| | 1 | 1 | 1 |

Dik = $\alpha = 1$

$\theta = 0,1$

| Epoch - 1 | Masukan | | Targel | nilai fungsi | Output | Akurasi | Bobot baru | | |
|-----------|---------------|---------------|---------------|--------------|--------|---------|------------|-------|-----|
| | P_1 | P_2 | t | $f(x)$ | y | $y - t$ | w_1 | w_2 | b |
| | -1 | -1 | -1 | | | | 0 | 0 | 0 |
| | -1 | -1 | -1 | 0 | 0 | 0 | 1 | 1 | -1 |
| | -1 | 1 | 1 | -1 | -1 | 0 | 0 | 2 | 0 |
| | 1 | -1 | 1 | -2 | -1 | 0 | 1 | 1 | 1 |
| | 1 | 1 | 1 | 3 | 1 | 1 | 1 | 1 | 1 |

$$f(x) = (-1 \cdot 0) + (-1 \cdot 0) + 0 = 0 \rightarrow \text{data - 1}$$
$$f(x) = (-1 \cdot 1) + (1 \cdot 1) + (-1) = -1 \rightarrow \text{data - 2}$$
$$f(x) = (1 \cdot 0) + (-1 \cdot 2) + 0 = -2 \rightarrow \text{data - 3}$$
$$f(x) = (1 \cdot 1) + (1 \cdot 1) + 1 = 3 \rightarrow \text{data - 4}$$

Epoch - 1 = Akurasi 25%

DATE: _____

| | Masukan | | Target | Nilai Fungsi | Output | Akurasi | Bobot baru | | |
|---------|----------------|----------------|--------|--------------|--------|---------|----------------|----------------|---|
| | P ₁ | P ₂ | t | f(x) | y | y = t | w ₁ | w ₂ | b |
| Epoch-2 | | | | | | | 1 | 1 | 1 |
| | -1 | -1 | -1 | -1 | -1 | 1 | 1 | 1 | 1 |
| | -1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 1 | -1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 1 | 1 | 1 | 3 | 1 | 1 | 1 | 1 | 1 |

$$f(x) = (-1 \cdot 1) + (-1 \cdot 1) + 1 = -1 \rightarrow \text{data -1}$$

$$f(x) = (-1 \cdot 1) + (1 \cdot 1) + 1 = 1 \rightarrow \text{data -2}$$

$$f(x) = (1 \cdot 1) + (-1 \cdot 1) + 1 = 1 \rightarrow \text{data -3}$$

$$f(x) = (1 \cdot 1) + (1 \cdot 1) + 1 = 3 \rightarrow \text{data -4}$$

Epoch -2 : Akurasi 100%