→ ध्रेतिलिसना वोभे 신호된 UZE 시그旦이드 화수에 पार्थिक.

$$f(u) = \frac{1}{1 + \exp(-u)}$$

$$/k = p^{(1)} \cdot p^{(2)} \cdot p^{(3)} \cdot p^{(4)} \cdot p^{(5)}$$

$$/og(Lk) = /og(p^{(1)} + \cdots + /og(p^{(5)}) \rightarrow \sum_{m=1}^{5} (yt^{(m)} log(yp^{(m)}) + (1-yt^{(m)}) log(1-yp^{(m)})$$

$$/og(p^{(m)}) = yt^{(m)} /og(yp^{(m)}) + (1-yt^{(m)}) /og(1-yp^{(m)})$$

$$/og(yp^{(m)}) = \int_{M_{m=0}}^{M_{m=0}} (yt^{(m)} \cdot log(yp^{(m)}) + (1-yt^{(m)}) log(1-yp^{(m)}))$$

