EWC Penalty:

$$\mathscr{L}_{curr} = \mathscr{L}_{ce} + imp * \mathscr{L}_{EWC}$$

Previous Method:

$$\mathscr{L}_{comb} = \frac{1}{N} \sum_{i=1}^{N} ((1/task) * \mathscr{L}_{curr} + (1 - 1/task) * \mathscr{L}_{rep})$$

New Method:

step $= \lfloor$N / BufferSize$\rfloor$

$$\mathscr{L}_{comb} = \frac{1}{N} \sum_{i=1}^{N \bmod(step) \;==\; 0} ((1 - 1/task) * \mathscr{L}_{curr} + (1/task) * \mathscr{L}_{rep,i})$$