

(b) Delta Parameters Sparsification

$$|W^{\text{merge}}| = |W^{\text{base}}| + \lambda \left\{ \Delta \widehat{W}^{\text{math}} + \Delta \widehat{W}^{\text{code}} + \Delta \widehat{W}^{\text{chat}} \right\}$$

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(d) Model Merging

8-bit

3-bit

2-bit 0-bit