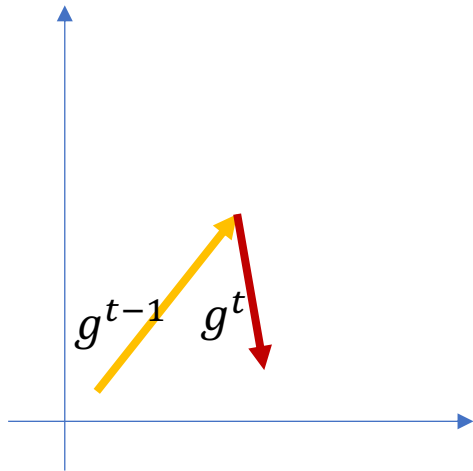
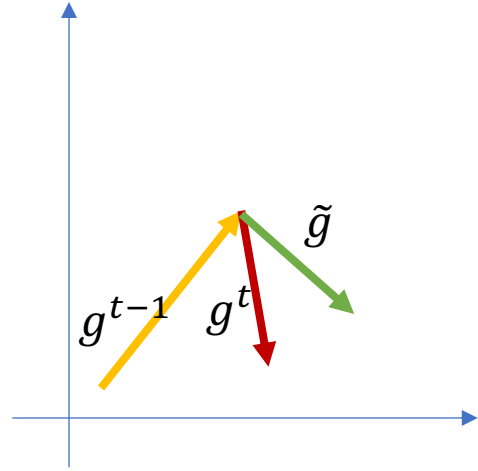


(a) Valid new gradient g^t



(b) Invalid new gradient g^t



(c) Correction of the new gradient g^t into \tilde{g}