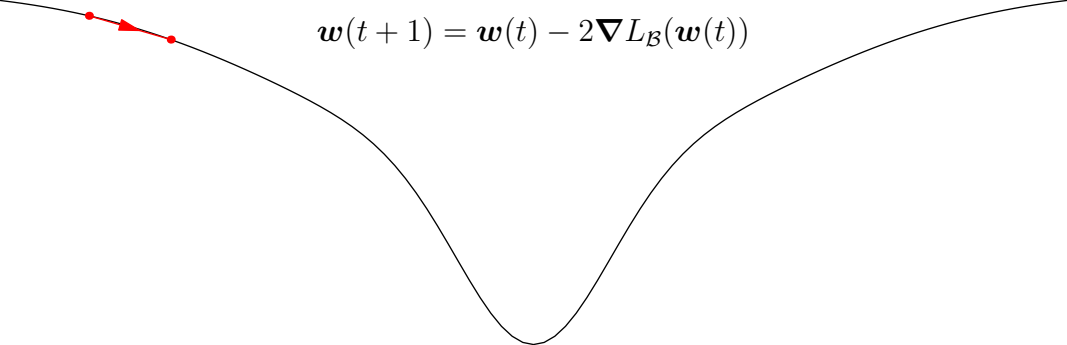
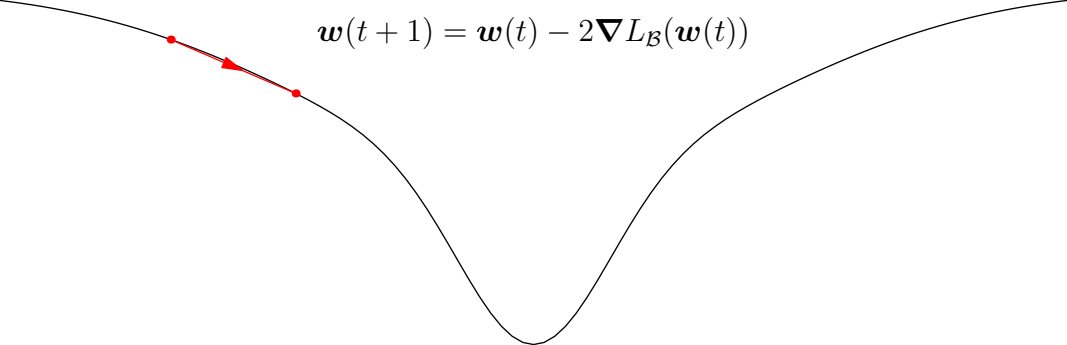


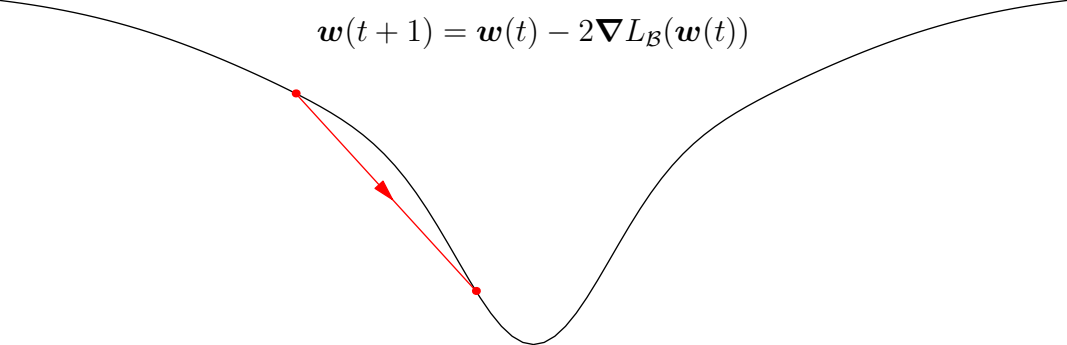
$$\boldsymbol{w}(t+1) = \boldsymbol{w}(t) - 2\nabla L_{\mathcal{B}}(\boldsymbol{w}(t))$$



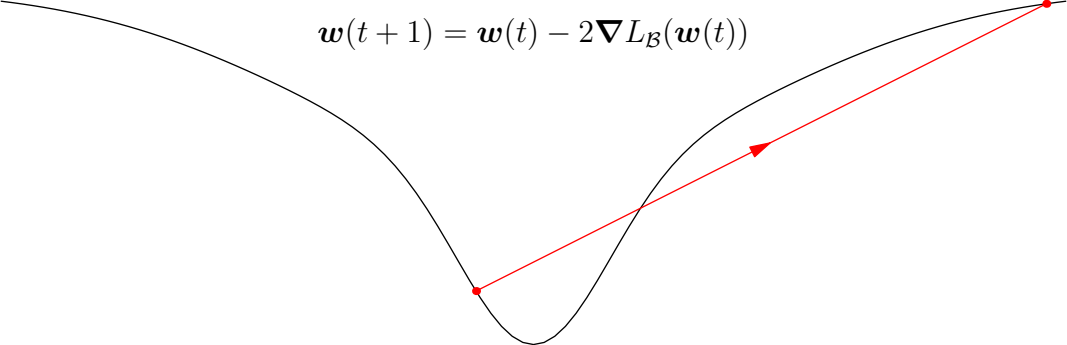
$$\boldsymbol{w}(t+1) = \boldsymbol{w}(t) - 2\nabla L_{\mathcal{B}}(\boldsymbol{w}(t))$$



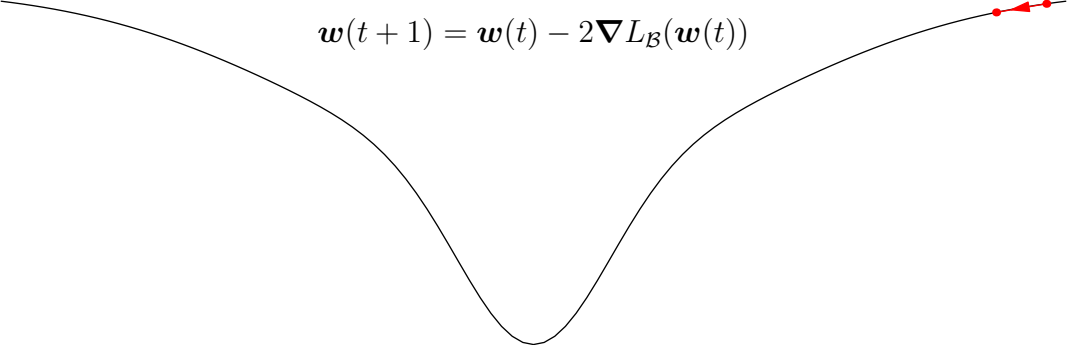
$$\boldsymbol{w}(t+1) = \boldsymbol{w}(t) - 2\nabla L_{\mathcal{B}}(\boldsymbol{w}(t))$$



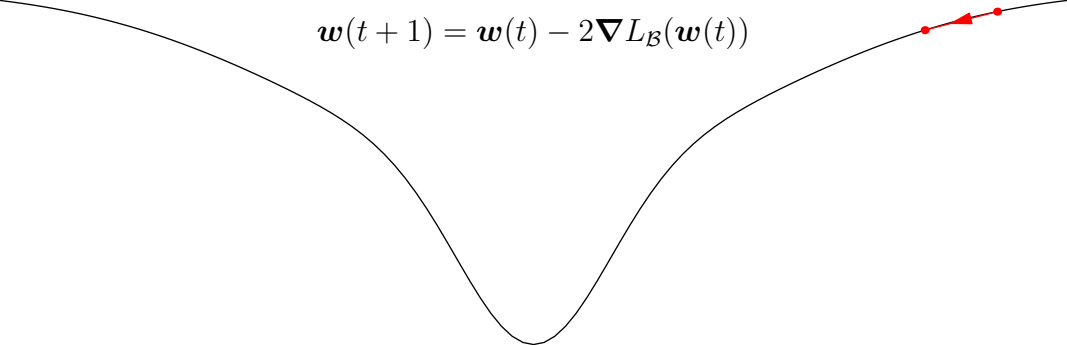
$$\boldsymbol{w}(t+1) = \boldsymbol{w}(t) - 2\nabla L_{\mathcal{B}}(\boldsymbol{w}(t))$$



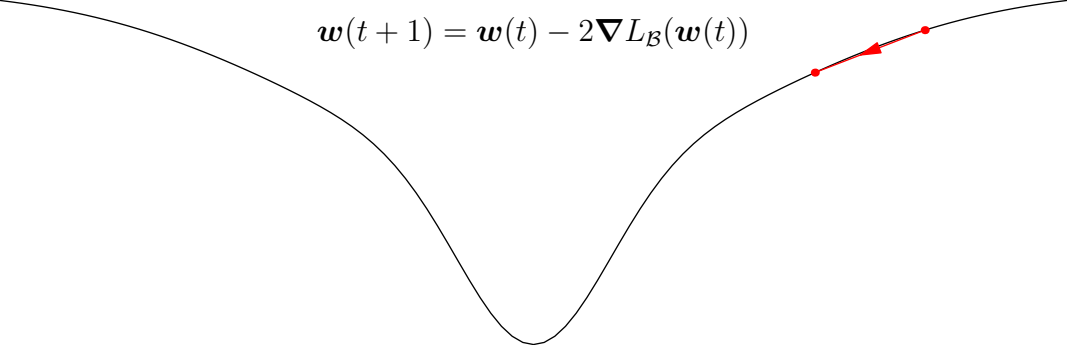
$$\boldsymbol{w}(t+1) = \boldsymbol{w}(t) - 2\nabla L_{\mathcal{B}}(\boldsymbol{w}(t))$$



$$\boldsymbol{w}(t+1) = \boldsymbol{w}(t) - 2\nabla L_{\mathcal{B}}(\boldsymbol{w}(t))$$

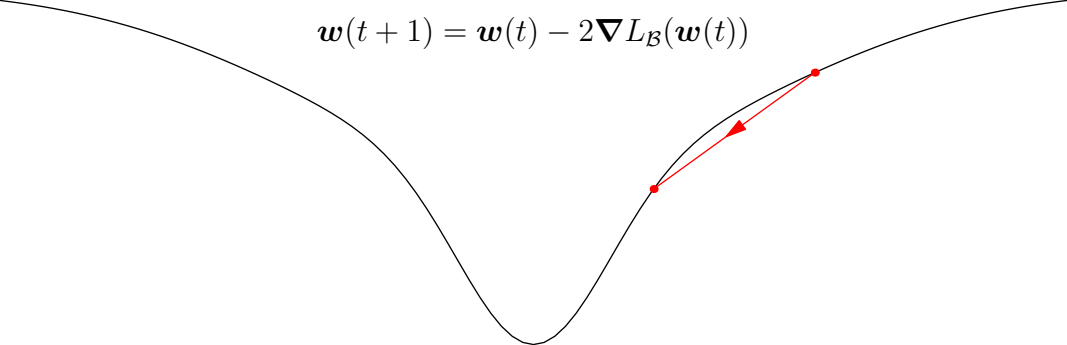


$$\boldsymbol{w}(t+1) = \boldsymbol{w}(t) - 2\nabla L_{\mathcal{B}}(\boldsymbol{w}(t))$$

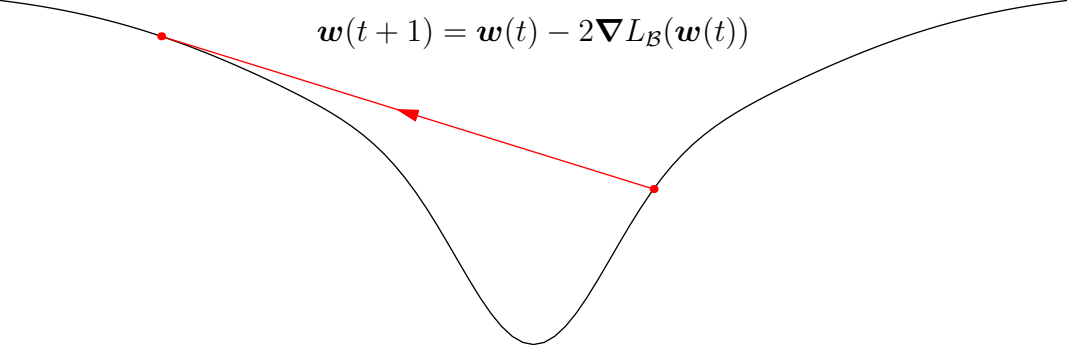




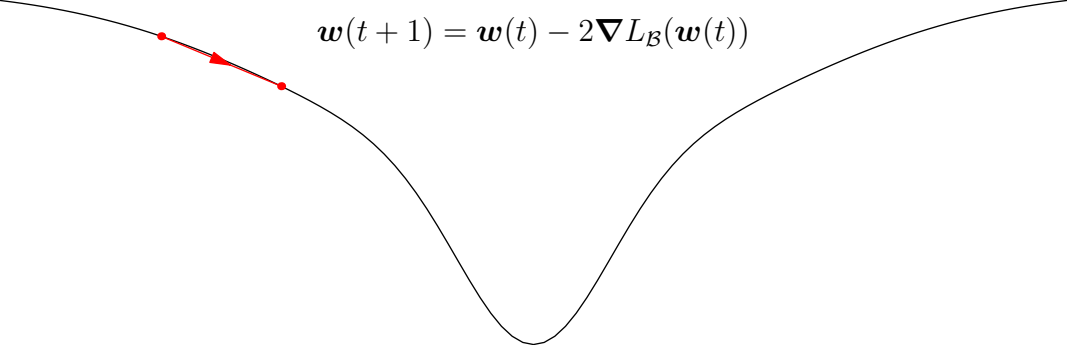
$$\boldsymbol{w}(t+1) = \boldsymbol{w}(t) - 2\nabla L_{\mathcal{B}}(\boldsymbol{w}(t))$$



$$\boldsymbol{w}(t+1) = \boldsymbol{w}(t) - 2\nabla L_{\mathcal{B}}(\boldsymbol{w}(t))$$



$$\boldsymbol{w}(t+1) = \boldsymbol{w}(t) - 2\nabla L_{\mathcal{B}}(\boldsymbol{w}(t))$$



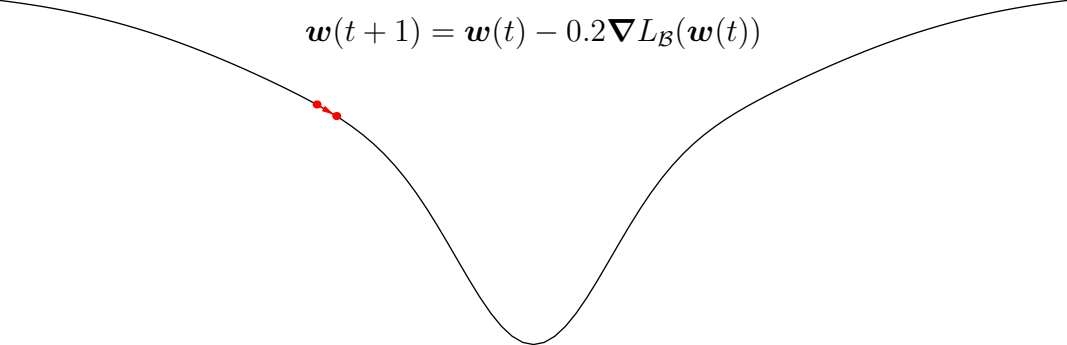
$$\boldsymbol{w}(t+1) = \boldsymbol{w}(t) - 0.2 \nabla L_{\mathcal{B}}(\boldsymbol{w}(t))$$



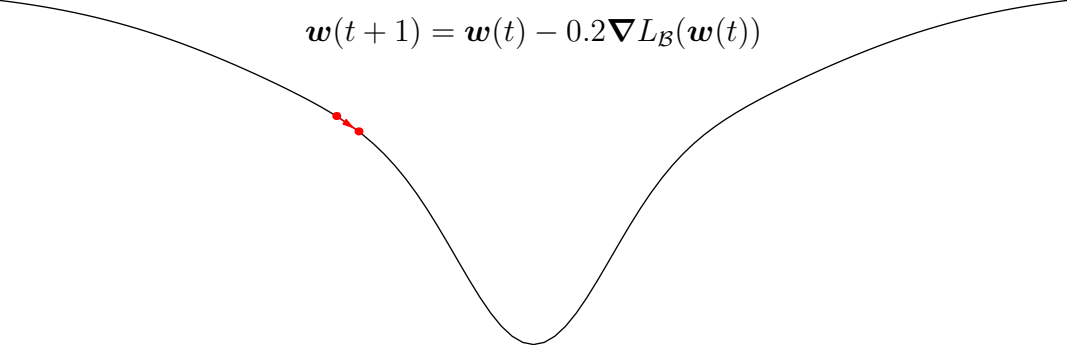
$$\boldsymbol{w}(t+1) = \boldsymbol{w}(t) - 0.2 \nabla L_{\mathcal{B}}(\boldsymbol{w}(t))$$



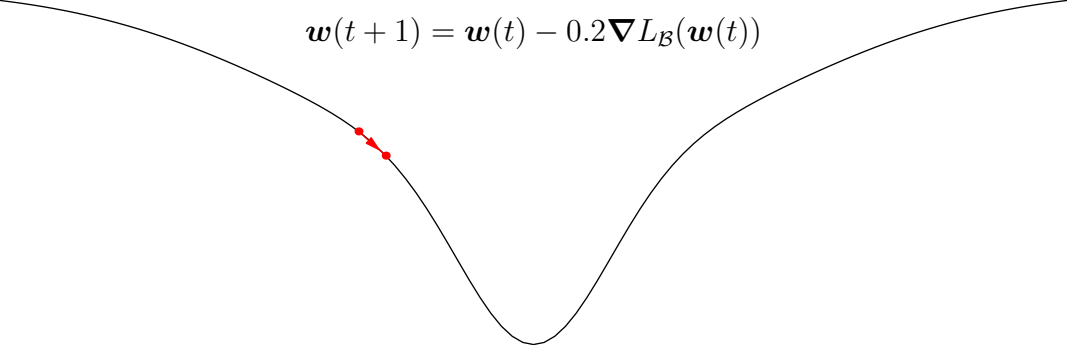
$$\boldsymbol{w}(t+1) = \boldsymbol{w}(t) - 0.2 \nabla L_{\mathcal{B}}(\boldsymbol{w}(t))$$



$$\boldsymbol{w}(t+1) = \boldsymbol{w}(t) - 0.2 \nabla L_{\mathcal{B}}(\boldsymbol{w}(t))$$

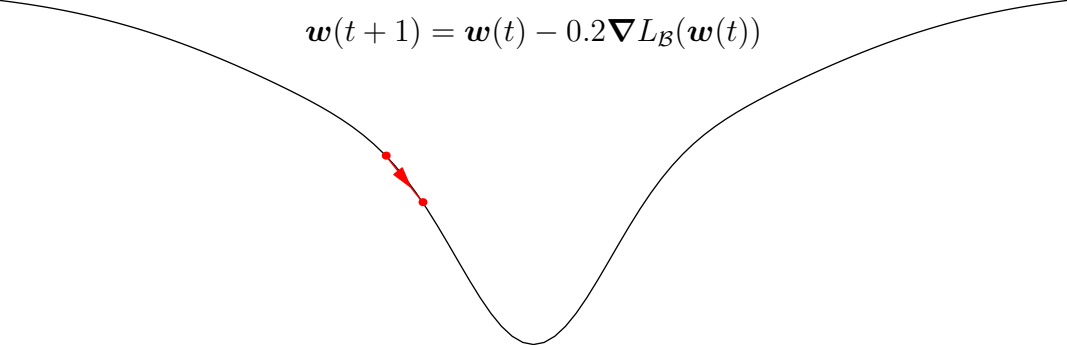


$$\boldsymbol{w}(t+1) = \boldsymbol{w}(t) - 0.2 \nabla L_{\mathcal{B}}(\boldsymbol{w}(t))$$

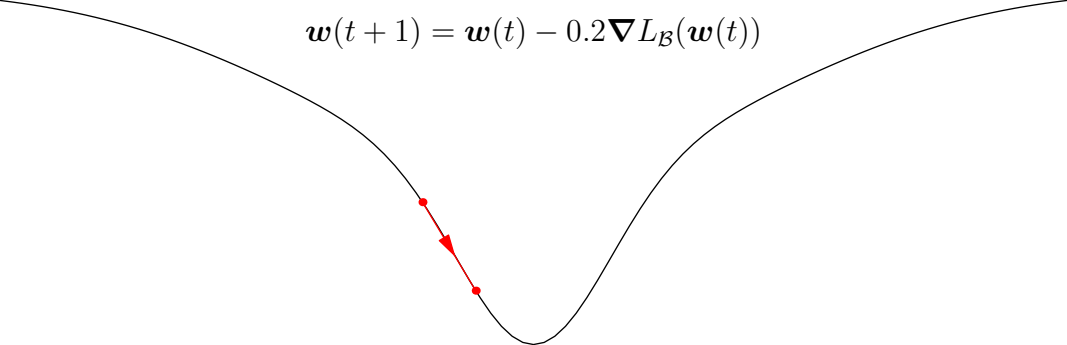




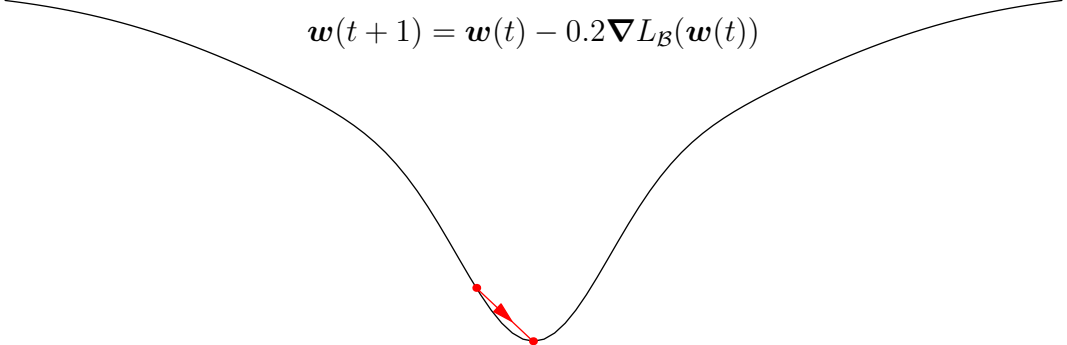
$$\boldsymbol{w}(t+1) = \boldsymbol{w}(t) - 0.2 \nabla L_{\mathcal{B}}(\boldsymbol{w}(t))$$

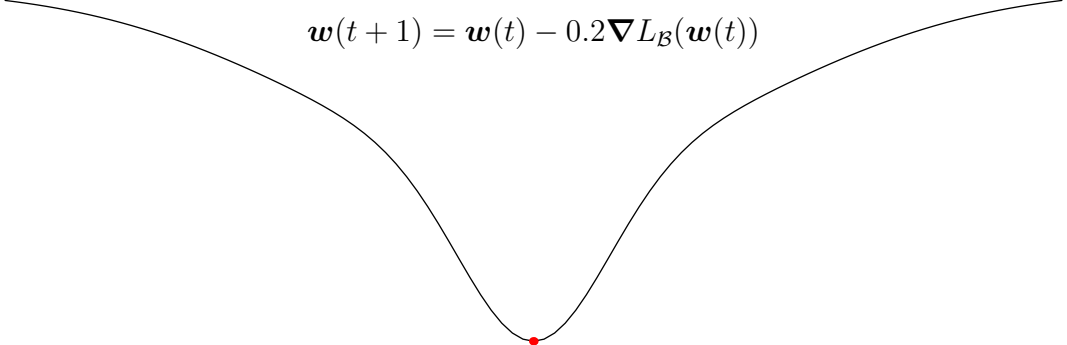


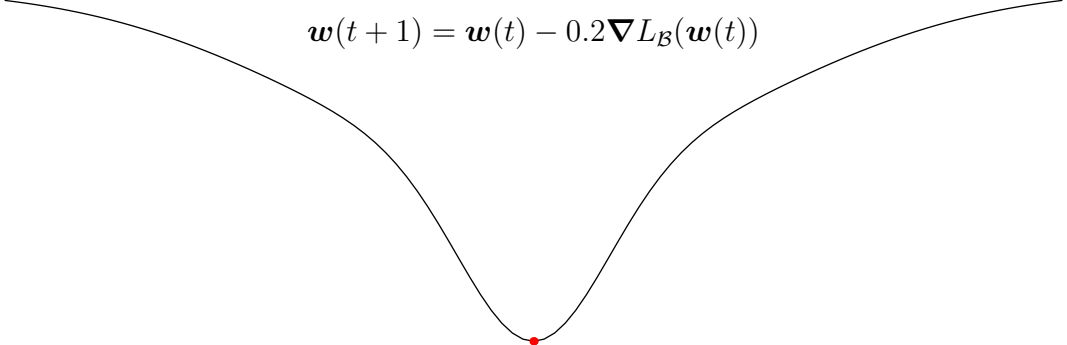
$$\boldsymbol{w}(t+1) = \boldsymbol{w}(t) - 0.2 \nabla L_{\mathcal{B}}(\boldsymbol{w}(t))$$



$$\boldsymbol{w}(t+1) = \boldsymbol{w}(t) - 0.2 \nabla L_{\mathcal{B}}(\boldsymbol{w}(t))$$



$$\boldsymbol{w}(t+1) = \boldsymbol{w}(t) - 0.2 \nabla L_{\mathcal{B}}(\boldsymbol{w}(t))$$
A graph of a smooth, symmetric, U-shaped curve representing a convex function. The curve is black and spans the width of the image. At the bottom center of the curve, there is a small red dot indicating the global minimum. The equation  $\boldsymbol{w}(t+1) = \boldsymbol{w}(t) - 0.2 \nabla L_{\mathcal{B}}(\boldsymbol{w}(t))$  is positioned above the curve, centered horizontally.

$$\boldsymbol{w}(t+1) = \boldsymbol{w}(t) - 0.2 \nabla L_{\mathcal{B}}(\boldsymbol{w}(t))$$
A graph of a smooth, symmetric, U-shaped curve representing a convex function. The curve is black and spans the width of the image. At the bottom center of the curve, there is a small red dot indicating the global minimum. The equation  $\boldsymbol{w}(t+1) = \boldsymbol{w}(t) - 0.2 \nabla L_{\mathcal{B}}(\boldsymbol{w}(t))$  is positioned above the curve, centered horizontally.