Optimization for Data Analysis: Typos

Stephen J. Wright and Benjamin Recht

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Typos for "Optimization for Data Analysis"

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- p.19, two equations below (2.12):

$$f(x^* - \alpha \nabla f(x^*)) = f(x^*) - \frac{1}{2}\alpha \|\nabla f(x^*)\|^2 < f(x^*),$$

should be

$$f(x^* - \alpha \nabla f(x^*)) \leq f(x^*) - \frac{1}{2}\alpha \|\nabla f(x^*)\|^2 < f(x^*),$$