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# Stochastic and Deterministic Algorithms for Continuous Black-Box Optimization

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*Figure on the front:* a sequence of random variables  $X_1, X_2, \dots$  is converging to the optimal point  $X^*$ , where the ideal distribution is characterized by a Dirac delta at  $X^*$ .

*Figure on the back:* the runtime of two stochastic optimization algorithms  $\mathcal{A}$  and  $\mathcal{B}$  is compared through their empirical runtime distributions  $F_{\mathcal{A}}$  and  $F_{\mathcal{B}}$ . The shade area illustrates the average runtime difference, up to time  $t$ .

