Boosting

Foundations and Algorithms

Adaptive Computation and Machine Learning

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To our families

On the cover: A randomized depiction of the potential function $\Phi_t(s)$ used in the boost-by-majority algorithm, as given in equation (13.30). Each pixel, identified with an integer pair (t, s), was randomly colored blue with probability $\Phi_t(s)$, and was otherwise colored yellow (with colors inverted where lettering appears). The round t runs horizontally from $T = 1225$ at the far left down to 0 at the far right, and position s runs vertically from -225 at the top to 35 at the bottom. An edge of $\gamma = 0.06$ was used. [Cover design by Molly Seamans and the authors.]

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