

# Index

Page numbers in **bold** refer to definitions of terms and algorithms.

Page numbers in *italics* refer to items in the bibliography.

## Symbols

$\alpha$  (alpha) learning rate, 816  
 $\alpha$  (alpha) normalization constant, 418  
 $\wedge$  (and), 235  
 $\chi^2$  (chi squared), 682  
 $\vdash$  (derives), 234  
 $\models$  (entailment), 232  
 $\varepsilon$  (epsilon)-ball, **691**  
 $\exists$  (there exists), 280  
 $\forall$  (for all), 279  
 $\gamma$  (gamma) discount factor, 632  
 $\_$  (gap) in sentence, 897  
 $|$  (given), 407  
 $\Leftrightarrow$  (if and only if), 235  
 $\Rightarrow$  (implies), 235  
 $\sim$  (indifferent), 520  
 $\lambda$  (lambda)-expression, **277**  
 $\nabla$  (nabla) gradient, 138  
 $\neg$  (not), 235  
 $\vee$  (or), 235  
 $\succ$  (preferred), 520  
 $\sigma$  (sigma) standard deviation, 1079  
 $T$  (matrix transpose), 1077

## A

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