About the Author

Roy Davies is Emeritus Professor of Machine Vision at Royal Holloway, University of London. He has worked on many aspects of vision, from feature detection and noise suppression to robust pattern matching and real-time implementations of practical vision tasks. His interests include automated visual inspection, surveillance, vehicle guidance, and crime detection. He has published more than 200 papers and three books—*Machine Vision: Theory, Algorithms, Practicalities* (1990), *Electronics, Noise and Signal Recovery* (1993), and *Image Processing for the Food Industry* (2000); the first of these has been widely used internationally for more than 20 years, and is now out in this much enhanced fourth edition. Roy is a Fellow of the IoP and the IET, and a Senior Member of the IEEE. He is on the Editorial Boards of *Real-Time Image Processing*, *Pattern Recognition Letters*, *Imaging Science,* and *IET Image Processing*. He holds a DSc at the University of London: he was awarded BMVA Distinguished Fellow in 2005 and Fellow of the International Association of Pattern Recognition in 2008.