2002 Paper 7 Question 14

Additional Topics

You are required to design a Sentient Computing System using Active Bats to locate people and physical objects.

(*a*) Indicate how you would model the environment and represent space in your architecture.   [8 marks]

(*b*) Show how you would use the tracked objects' dynamics to process and filter incoming location data.   [8 marks]

(*c*) Discuss the feasibility of a spatial monitor that generates events in terms of geometric containment and overlapping.   [4 marks]