

**Comments** Feedback for Questions 1, 4 and 5 is not yet available due to unforeseen circumstances. Please see Aphrodite Galata for further details.

Question 2: Most people attempted this question.

Part a): A large number of people didn't even attempt this part. Some people at least had a guess, and told me about other shape representations.

Of those who got some marks, the medial representation was more memorable than the distance map. Of those trying to define the distance map, it was easier to get marks using some sort of sketch or diagram, than by trying to describe it precisely in words. In the medial method, it was often a sketch of what people could remember from the slides that got the marks.

People did remember the disadvantages mentioned in lectures, if they remembered anything, so that was encouraging.

Part b) How to build an SSM. The main errors here were not enough detail (equations and sketches would have helped), or leaving out major parts of the building process. In particular, leaving out the nature of the annotation, despite the question specifically requesting this. I suspect, from the nature of many of the answers, that people were using some other source as to how to build an SSM, and unfortunately, this other listing was nowhere near complete or detailed enough to make a good answer.

Part c) How to build an ASM (no one took the option of describing an AAM), use for search, and failure modes. Almost no one told me exactly how to build an ASM, because no one told me how to actually build a profile model! Most people remembered some details of the search, and some possible issues. But all answers suffered from being too short, and too lacking in exact algorithmic and mathematical detail. Since this was 50% of the possible marks available for this question, it should have been obvious that it required more than half a page, and more than a few bullet points. A noticeable lack of diagrams and equations to support answers. As before, I suspect that many people were using a SHORT bullet-point summary of ASM search for revision, rather than my actual entire lecture on the topic, which possibly explains the conspicuous omissions.

Question 3: Only a few people attempted this question. But the diagrams from the lectures were well-remembered! Ditto the main points of elastic and fluid registration. Some interesting answers were given to the gas suggestion, and showed that people had appreciated why such a suggestion might have been made. A very good level of detail was provided, with mathematically fluent answers.

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