

Constructing Features for Prediction

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Practice Assignment • 28 min

🌐 English ▾

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1. Which of the following is TRUE about coarse coding? (Select all that apply)

1 / 1 point

- ☒ In coarse coding, generalization occurs between states that have features with overlapping receptive fields.

✔ **Correct**
Correct.

- ☒ In coarse coding, generalization between states depend on the size and shape of the receptive fields.

✔ **Correct**
Correct.

- ☐ When using features with large receptive fields, the function approximator cannot make discriminations that are finer than the width of the receptive fields.
- ☐ When training at one state, the learned value function will be updated over all states within the intersection of the receptive fields.

2. Consider a continuous two-dimensional state space. Assuming linear function approximation with the coarse-codings in either A, B or C, which of the following is TRUE? (Select all that apply)

1 / 1 point

