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ANNs are suitable when the knowledge, contained within the available data sets, needs to be generalised. Their main drawback is that they act in a manner of a black box. Fuzzy logic deals with problems as a human mind, trying to handle vagueness, imprecision and uncertainty in a robust manner. However, the pure fuzzy logic systems have a disadvantage of being extremely difficult to tune for high performance. Fortunately, ANNs and fuzzy logic are complementary techniques and the shortcomings of one of them can be overcome by advantages of the other one. If ANNs are combined with fuzzy logic, neuro-fuzzy systems with learning capability are obtained.



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Task 2



Other Features

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