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Recently two new types of designs have been introduced and studied. Sarvate and Hau Chan, obtained the existence results for the first type of designs for t = 1. These designs were introduced by Sarvate and William Beam. V. Murali and Sarvate introduced second type of designs, called Fuzzy designs. Both designs naturally lead to new types of graph factorizations. We will introduce the designs, present some existence results and discuss the corresponding graph factorization problems. (Received September 02, 2010)