

Diagram illustrating the construction of a 6-regular graph using a sequence of operations (DRAW, ERASE, DUP, SWAP) on a set of 6 vertices. The graph is represented by a tree structure where each node is a graph configuration, and edges represent operations. The root node is labeled "ROOT 6-1-2-3-5-4". The tree branches out into several configurations, including "6-1-2-3-5-4", "41DUP-3-2-1-6-5-4", "44DUP-6-1-2-3-5-4", "3-2-1-6-5-4", "6-1-2-3-5-4", "42DUP-3-2-1-6-5-4", "43DUP-3-2-1-6-5-4", "44DUP-3-2-1-6-5-4", "45DUP-3-2-1-6-5-4", "46DUP-3-2-1-6-5-4", "47DUP-3-2-1-6-5-4", "48DUP-3-2-1-6-5-4", "49DUP-3-2-1-6-5-4", "50DUP-3-2-1-6-5-4", "51DUP-3-2-1-6-5-4", "52DUP-3-2-1-6-5-4", "53DUP-3-2-1-6-5-4", "54DUP-3-2-1-6-5-4", "55DUP-3-2-1-6-5-4", "56DUP-3-2-1-6-5-4", "57DUP-3-2-1-6-5-4", "58DUP-3-2-1-6-5-4", "59DUP-3-2-1-6-5-4", "60DUP-3-2-1-6-5-4", "61DUP-3-2-1-6-5-4", "62DUP-3-2-1-6-5-4", "63DUP-3-2-1-6-5-4", "64DUP-3-2-1-6-5-4", "65DUP-3-2-1-6-5-4", "66DUP-3-2-1-6-5-4", "67DUP-3-2-1-6-5-4", "68DUP-3-2-1-6-5-4", "69DUP-3-2-1-6-5-4", "70DUP-3-2-1-6-5-4", "71DUP-3-2-1-6-5-4", "72DUP-3-2-1-6-5-4", "73DUP-3-2-1-6-5-4", "74DUP-3-2-1-6-5-4", "75DUP-3-2-1-6-5-4", "76DUP-3-2-1-6-5-4", "77DUP-3-2-1-6-5-4", "78DUP-3-2-1-6-5-4", "79DUP-3-2-1-6-5-4", "80DUP-3-2-1-6-5-4", "81DUP-3-2-1-6-5-4", "82DUP-3-2-1-6-5-4", "83DUP-3-2-1-6-5-4", "84DUP-3-2-1-6-5-4", "85DUP-3-2-1-6-5-4", "86DUP-3-2-1-6-5-4", "87DUP-3-2-1-6-5-4", "88DUP-3-2-1-6-5-4", "89DUP-3-2-1-6-5-4", "90DUP-3-2-1-6-5-4", "91DUP-3-2-1-6-5-4", "92DUP-3-2-1-6-5-4", "93DUP-3-2-1-6-5-4", "94DUP-3-2-1-6-5-4", "95DUP-3-2-1-6-5-4", "96DUP-3-2-1-6-5-4", "97DUP-3-2-1-6-5-4", "98DUP-3-2-1-6-5-4", "99DUP-3-2-1-6-5-4", "100DUP-3-2-1-6-5-4".