

Very Large Scale Integration. Designing Problems

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Abstract: The paper studies the present-day problems in the area of designing very large scale integration and crystal systems. The review of trends in the development of VLSI is given; the prospects up to 2012 are outlined. The global problems of the project and inter-level jumps in its creation are presented. The ways of solving the problem of transition between algorithmic description of the system and its presentation on switch level through language techniques of high level description of equipment are proposed.