A machine-independent approach to microprogram synthesis. On many modern computers, the processor control unit is microprogrammed rather than built directly in hardware. One of the tasks of the microcode is to decode instructions. Automated microcode synthesis. Automated Microcode Synthesis details on Reading Cloud. Automatic synthesis of microprogrammed controllers in digital. Automated Microcode Synthesis. Retargetable Microcode Synthesis. Automated Microcode Synthesis. Published by Springer. SYMCAD, a retargetable microcode synthesizer which forms part of a microprogrammed control synthesis. SYMCAD: synthesis of microprogrammed control units in the DIADES design automation system. The optimization of the microcode is incorporated. Automated synthesis of microprogrammed controllers in digital. Automated Microcode Synthesis.