13 Ani 2020 L, 10.38 The Processor Perfumeance Equation
Old by date heavener
CPU fine = CPU dodes for a mogram × dock cycle time
CPU hime = CPU clocks for a program IC - Tustruction Count Clock frequency CPI - Clock Cycles Per Tustruction
Clock frequerey CPI - Clock Cycles l'er his hurc'hon
= Instruction Count × Clock cycles per instrucction × Clock Cycle Time = IC × CPI × Clock cycle time
= IC × CPI × clock eyele time
Mishaction & Clock yells & time Time Program Mishaction & Clock cycle = Time Program Of CPJ - Computer Organization & instruction set architecture (Risc)
Aoch eyele time = hand went hedenslogg k organization pinden evant
CVI - Computer Organization & instruction set architecture (RiSC)
IC -> hishardion set auduitecture le compiler technology
CPU do de cycles = IC × CPI = \( \subset IC \times CPI \) i - instruction subset
ICi - the number of himes in shudian i is executed in a propour
CFI i - the average no of clocks for instruction type i
ICi - the number of himes in shudian i is executed in a proposed CPIi - the average no of clocks for instruction type i  Liza ICi x CPIi  TC - III   Tom the IC  TC   TC   TC   TC   TC   TC   TC   TC