A few sample instructions

lw R1, 1000(R2)

add R1, R2, R3

addi R1, R2, #53

JALR label

JR R3

BEQZ R5, label

Popular instructions in SPECint

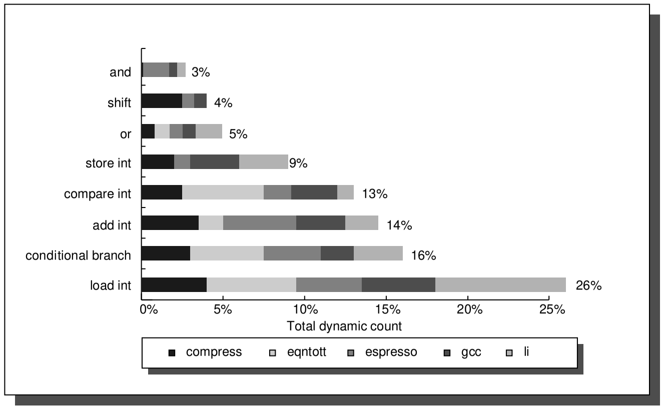

FIGURE 2.28 Graphical display of instructions executed of the five programs from SPECint92 in Figure 2.26.

Popular instructions in SPECfp

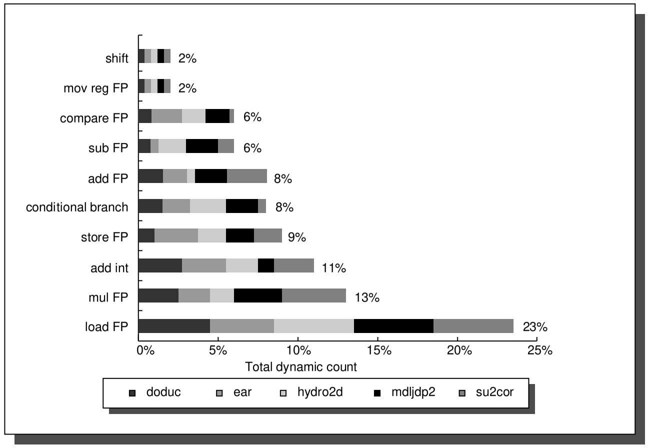

FIGURE 2.29 Graphical display of instructions executed of the five programs from SPECfp92 in Figure 2.27.

MIPS R2000 vs. VAX 8700

$$ET = IC * CPI * CT$$

- $IC_{MIPS} = 2\ IC_{VAX}$
- $CPI_{VAX} = 6\ CPI_{MIPS}$