

Instruction class	Instruction name(s)	Function
Data transfer	SAVE, RESTORE	Save or restore a register window
	Nonfaulting load	Version of load instructions that do not generate faults on address exceptions; allows speculation for loads.
ALU	Tagged add, Tagged subtract, with and without trap	Perform a tagged add/subtract, set condition codes, optionally trap.
Control transfer	Retry, Return, and Done	To provide handling for traps.
Floating Point Instructions	FMOVcc	Conditional move between FP registers based on integer or FP condition codes.

FIGURE E.21 Additional instructions provided in SPARCv9. Although register windows are by far the most significant distinction, they do not require many instructions!