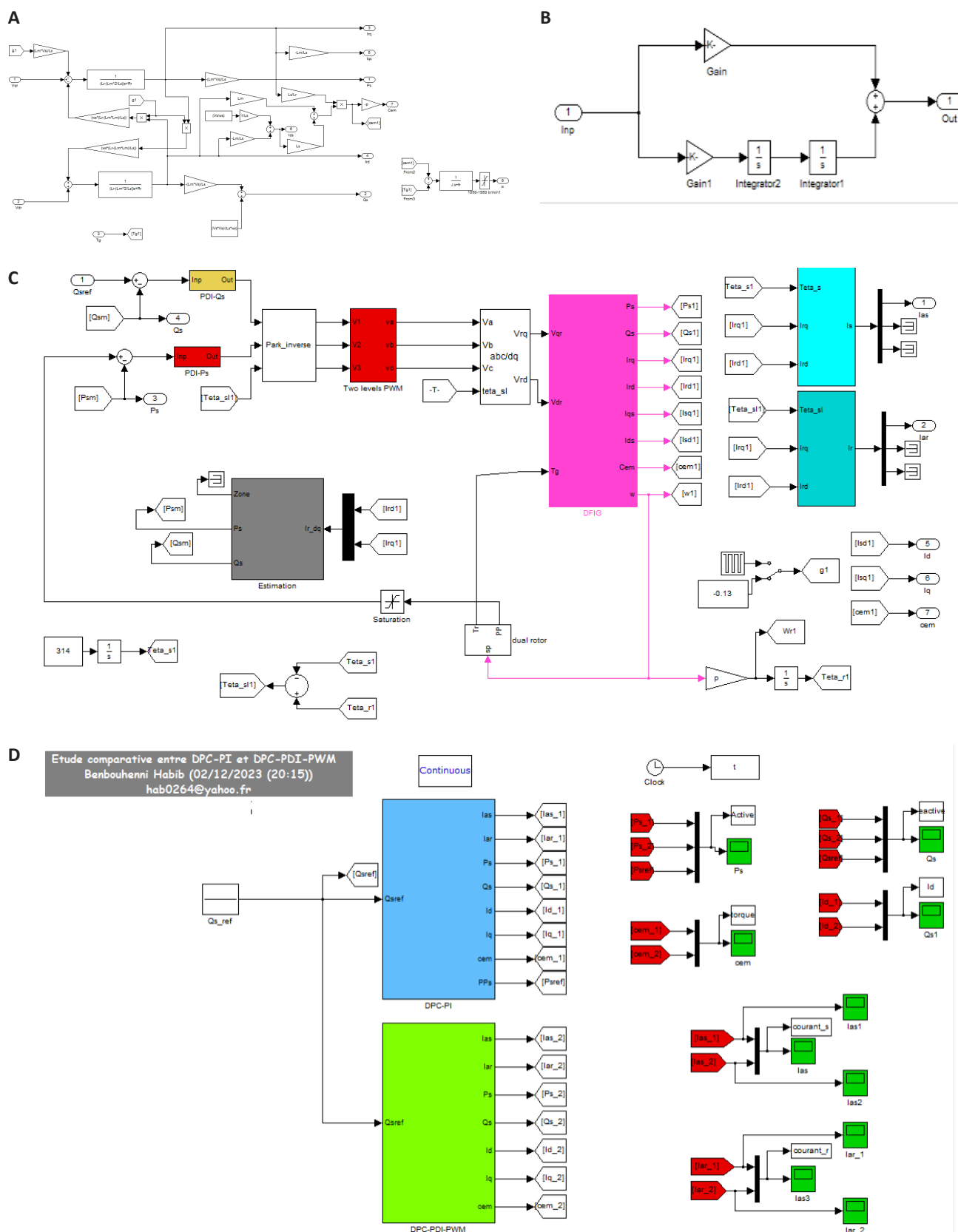


Table S1. System Parameters

	Proposed control		MPPT technique	
	P_s	Q_s	DPC-PI	DPC-PDI-PWM
Kp	100	100	-0.826	-0.826
Ki	1000	1000	0.639	0.639

**Figure S1. Proposed Control in MATLAB Environment.** A: DFIG model; B: Proposed PDI controller; C: Proposed control; D: Two control strategies.