THREE MODELS

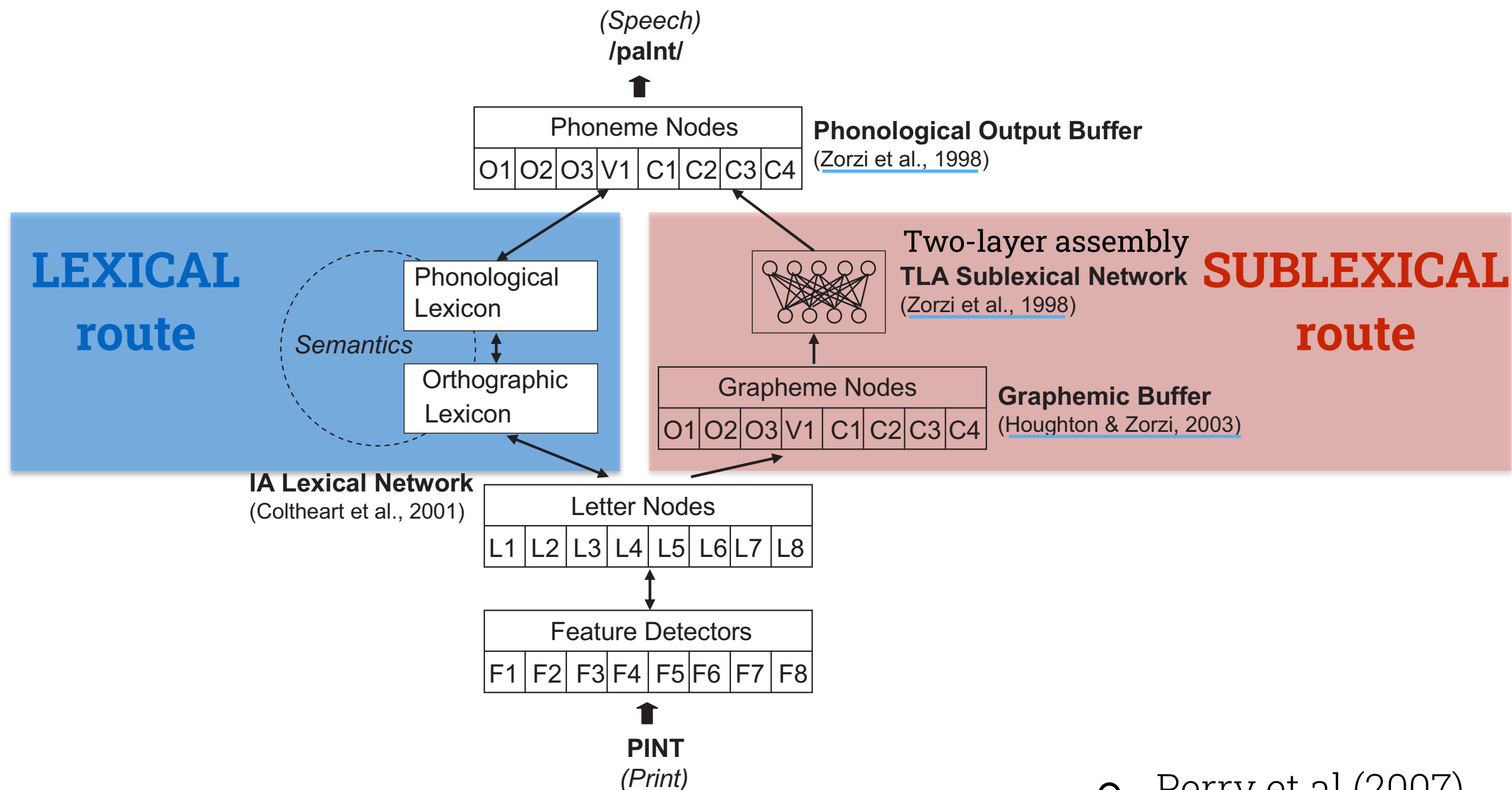## PARALLEL DISTRIBUTED PROCESSING (PDP)

DUAL-ROUTE CASCADED (DRC)

CONNECTIONNIST DUAL PROCESS + (CDP+)

Connectionist Dual Process + (CDP+)

Hybrid model : CDP model with DRC's lexical route and a connectionist approach of the non lexical route.

(Speech)
/paɪnt/

Phoneme Nodes | **Phonological Output Buffer**
O1 | O2 | O3 | V1 | C1 | C2 | C3 | C4 | (Zorzi et al., 1998)

LEXICAL route

Phonological Lexicon

Semantics

Orthographic Lexicon

Two-layer assembly
TLA Sublexical Network
(Zorzi et al., 1998)

SUBLEXICAL route

Grapheme Nodes | **Graphemic Buffer**
O1 | O2 | O3 | V1 | C1 | C2 | C3 | C4 | (Houghton & Zorzi, 2003)

IA Lexical Network
(Coltheart et al., 2001)

Letter Nodes
L1 | L2 | L3 | L4 | L5 | L6 | L7 | L8

Feature Detectors
F1 | F2 | F3 | F4 | F5 | F6 | F7 | F8

PINT
(Print)

○ Perry et al (2007)