















































University of Toronto	Department of Computer Science
Paraconsistent logics	
→ Logics whose entailment relation is not explosive:	
<ul> <li>Non-adjunctive</li> <li>&gt; A and B do not entail A∧B</li> <li>&gt; e.g. Jakowski's possible worlds semantics</li> <li>Non-truth-functional</li> <li>&gt; truth of ¬A is independent of the truth</li> </ul>	
<ul> <li>&gt; e.g. 4 values: (True, False, Both, Neith</li> <li>&gt; e.g. 4 values: (True, False, Both, Neith</li> <li>&gt; e.g. Lukasiewicz's 3-valued logic, Belnap</li> <li>&gt; e.g. Easterbrook &amp; Chechik's Quasi-Bool</li> </ul>	er} s 4-valued logic
<ul> <li>Relevant Logics</li> <li>&gt; use a different implication operator</li> <li>&gt; e.g. Anderson &amp; Belnap: a→b only if a a</li> <li>Proof-weakened</li> </ul>	
<ul> <li>restrict the form of proofs</li> <li>e.g. Hunter &amp; Nuseibeh's Quasi-Classica step</li> </ul>	l logic: v-introduction only as the last
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