

System  
Simulation

Operating  
Systems

Data  
Abstraction

Artificial  
Intelligence

Classes +  
Objects

Monitors

Abstract Data  
Types +  
Encapsulation

Frames

Object-Oriented  
Paradigm

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graph TD; A[System Simulation] -- "Classes + Objects" --> E([Object-Oriented Paradigm]); B[Operating Systems] -- "Monitors" --> E; C[Data Abstraction] -- "Abstract Data Types + Encapsulation" --> E; D[Artificial Intelligence] -- "Frames" --> E;
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The diagram illustrates the convergence of four distinct fields into the Object-Oriented Paradigm. At the top, four colored rectangular boxes represent the source fields: System Simulation (yellow), Operating Systems (orange), Data Abstraction (green), and Artificial Intelligence (cyan). Arrows from each box point towards a central purple oval. Each arrow is accompanied by a label describing the conceptual contribution: 'Classes + Objects' from System Simulation, 'Monitors' from Operating Systems, 'Abstract Data Types + Encapsulation' from Data Abstraction, and 'Frames' from Artificial Intelligence. The central purple oval contains a white rectangular box labeled 'Object-Oriented Paradigm', indicating that these four fields converge to form this paradigm.