

**Article No. 46**

**Conference on Frontiers of Chemical Sciences:  
Research and Education In the Middle East**

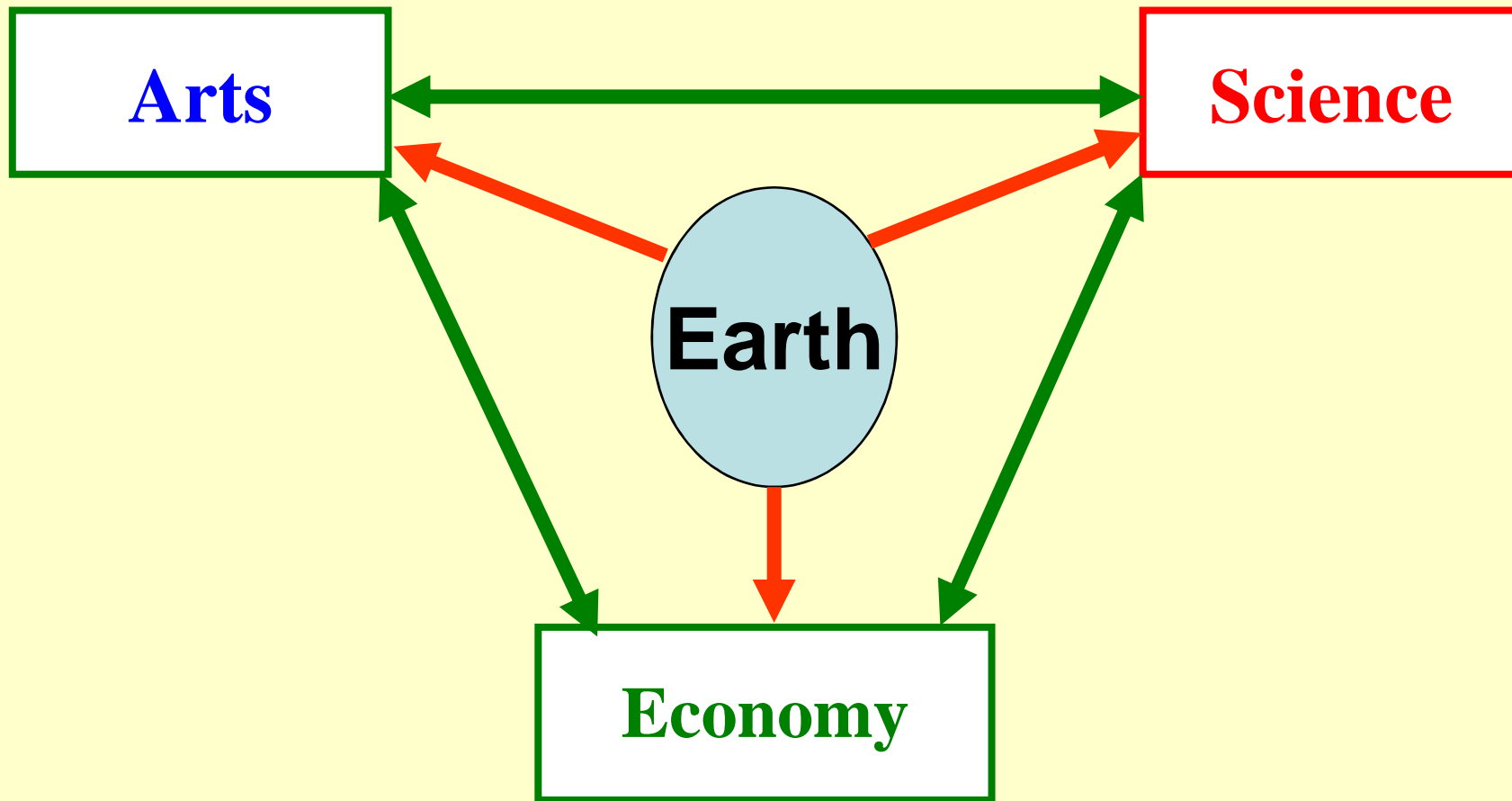
**PART ONE- “Systemic Approach in Organic Chemistry”**

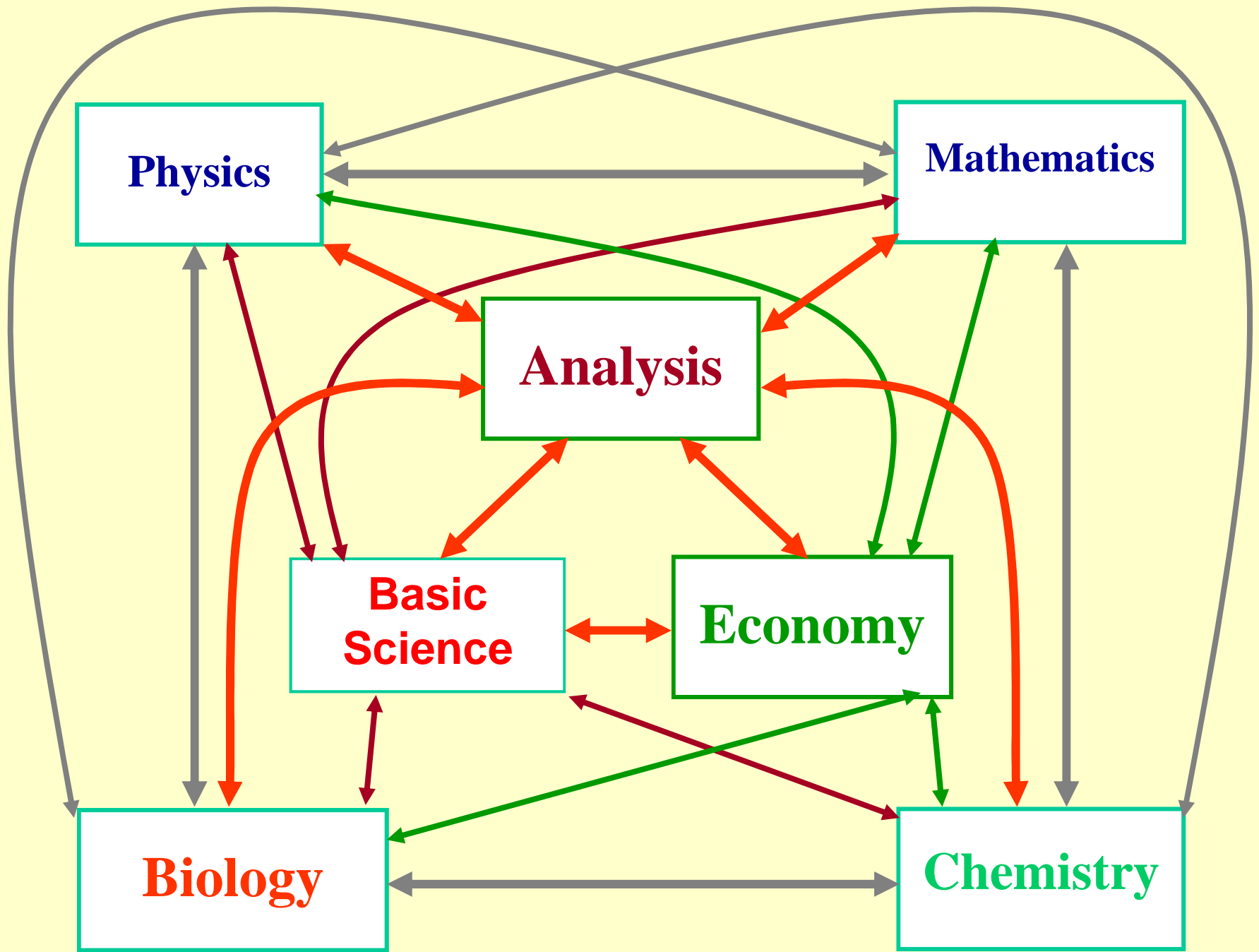
**Hassan A. Albar<sup>1</sup>, Ali A. Khalaf and Ameen F. Fahmy<sup>3</sup>**

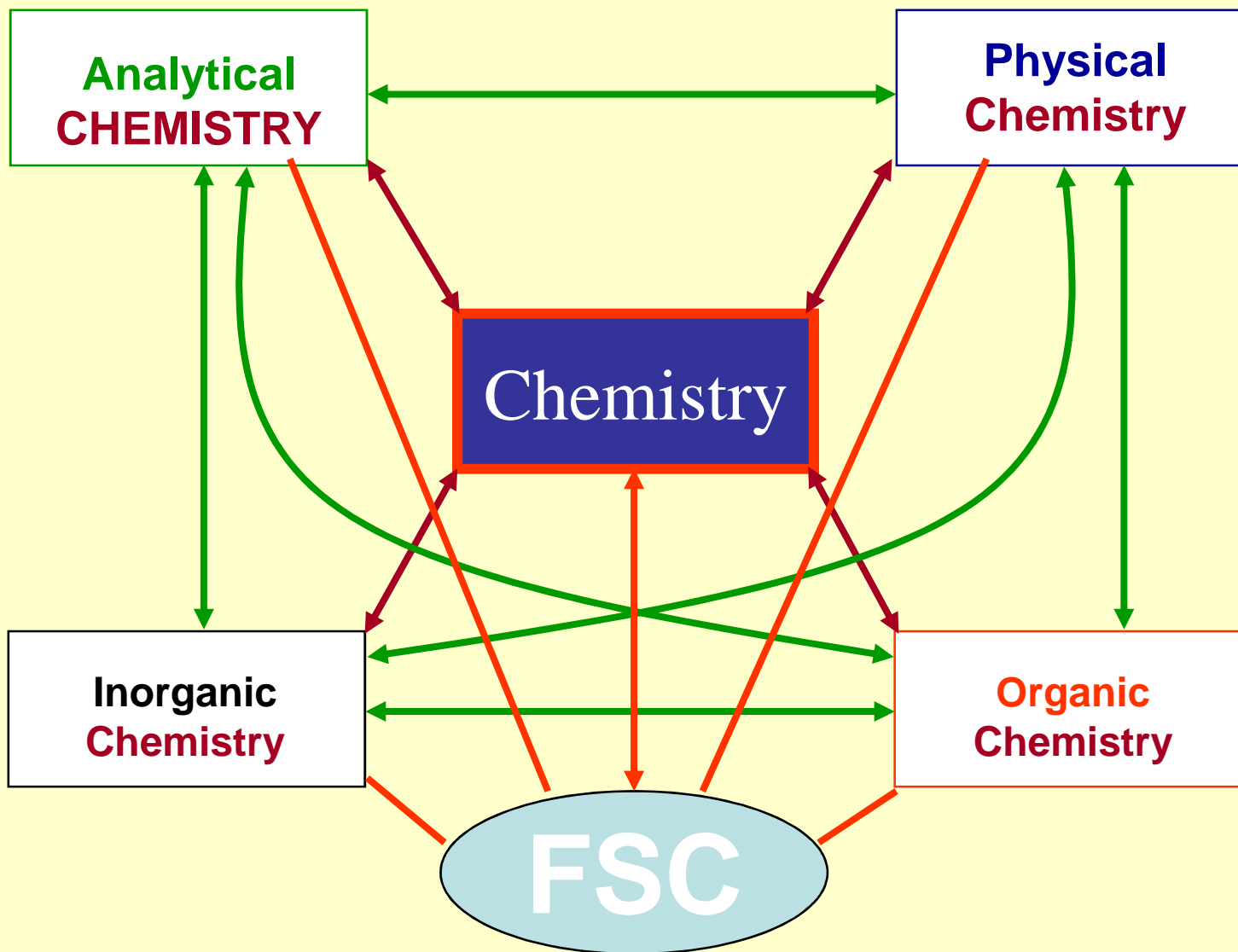
**King Abdulaziz University, Chem. Dept., Saudi Arabia<sup>1</sup>**

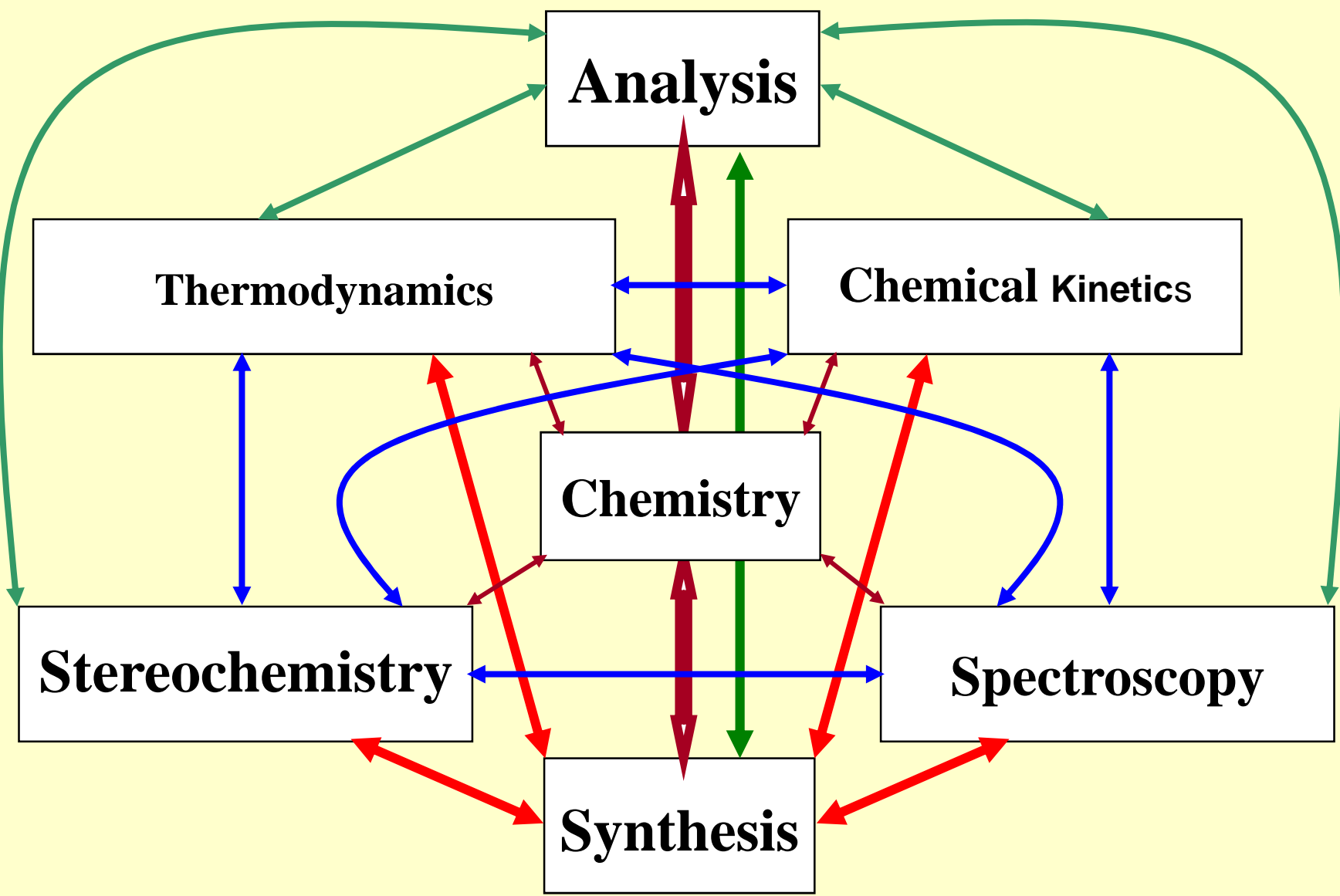
**Asuit University, Chem. Dept., Egypt<sup>2</sup>**

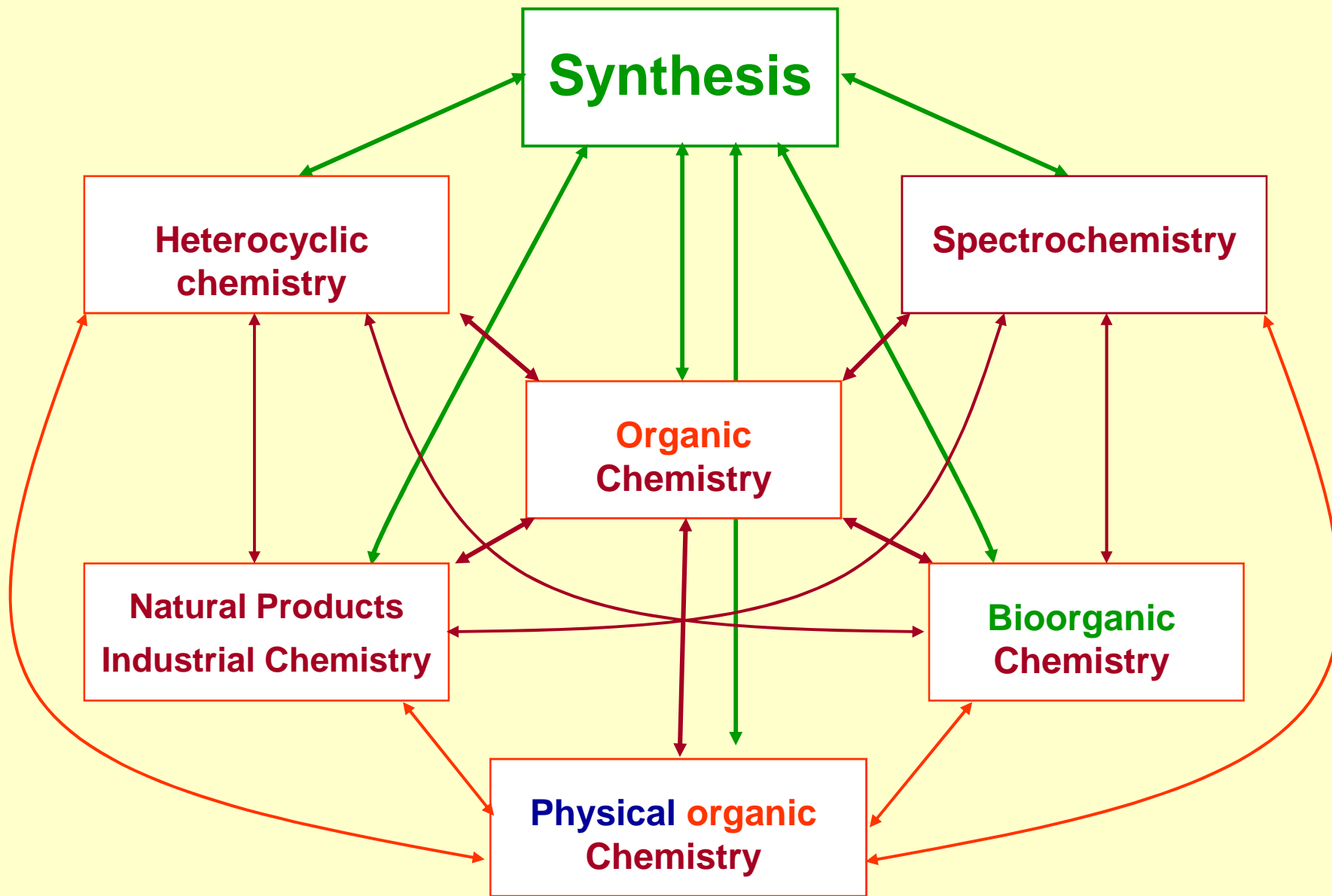
**Ain Sahms University, Egypt<sup>3</sup>**

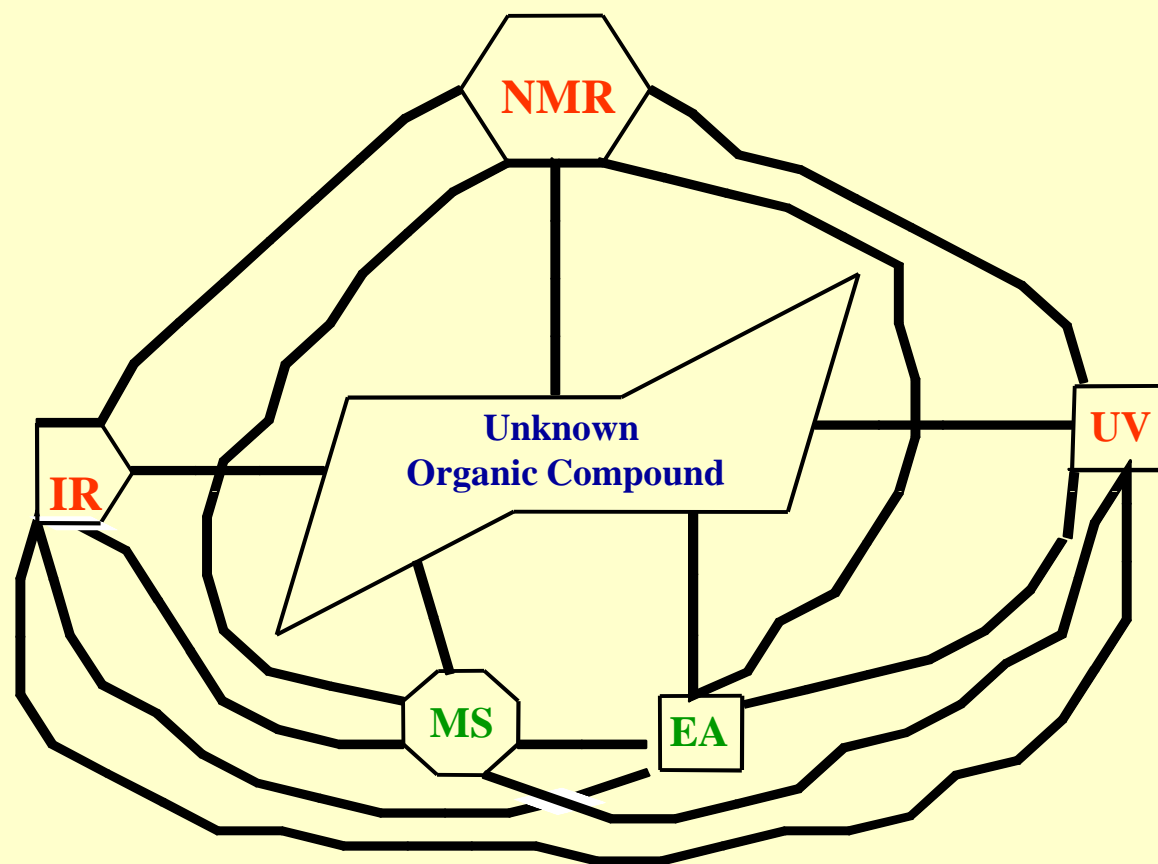


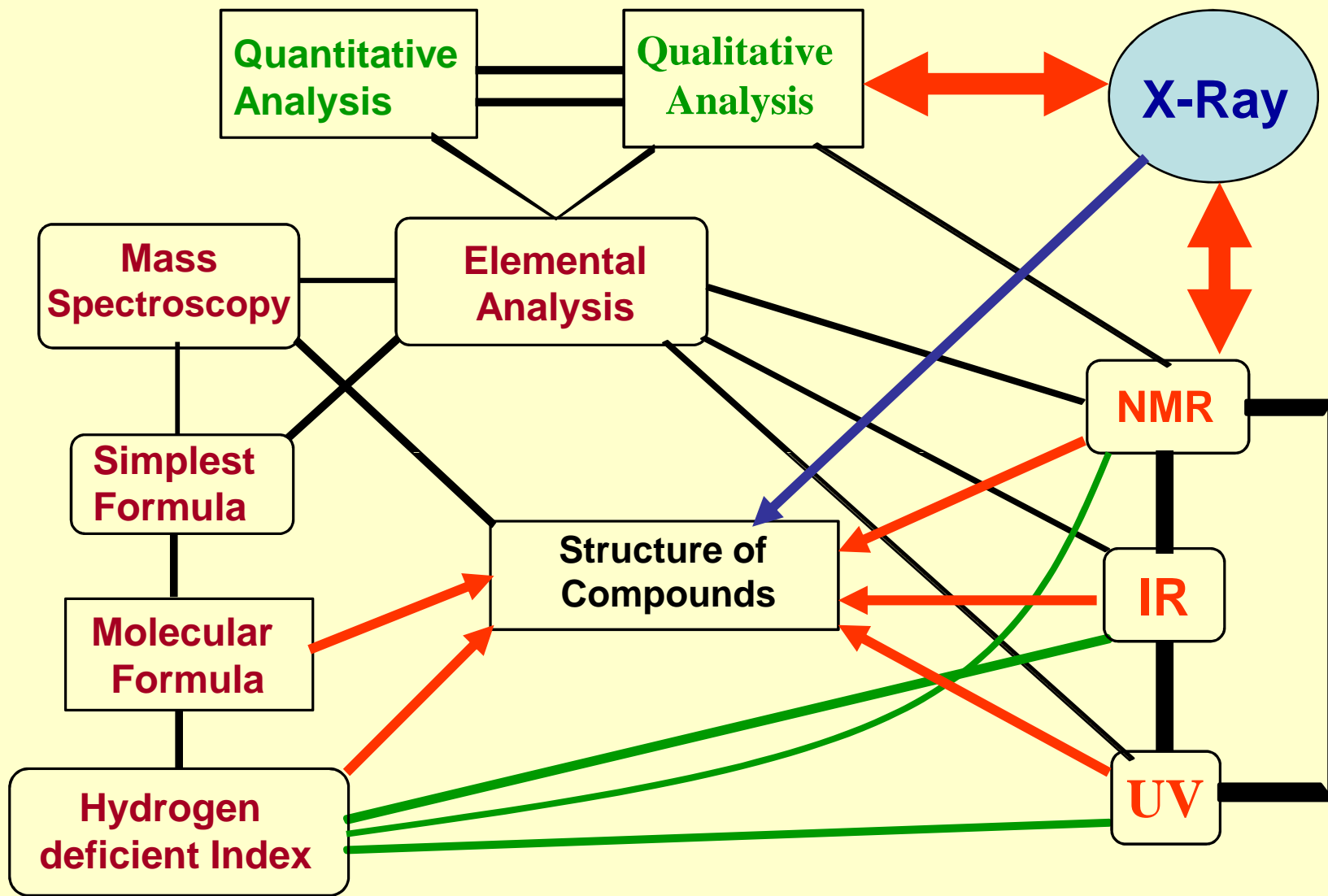














# Kinetic

## Physical organic Chemistry

Steric Effect  
Salt Effect  
Solvent Effect  
Isotope effect  
Trapping  
intermediate  
Acid Base Catalytic Effect  
Electronic Effect

Spectroscopy

Stereochemistry

Tunneling Microscope

Atomic Force Microscopy

$\Delta S^\ddagger$

$\Delta E^\ddagger$

Femtosecond  
Chemistry

