



- > MainPage
- > About College
- > Files
- > Researches
- > Courses
- > Favorite Links
- > Our Contacts

Visits Of this Page:3



## Research Details :

Research Title	: <u>Transition states of some pyridines</u> <u>Transition states of some pyridines</u>
Descriptipn	: Geometry and energy of the transition states using Synchronous Guided Quasi-Newton (STQN) method of the transformation of pyridine-2-(1H)-one to pyridine-2-ol, pyridine-2-(1H)-thione to pyridine-2-thiol and 1,2-dihydro-2-iminopyridine to 2-aminopyridine were investigated using ab-initio MO method at the level of 6-31G** + MP2. The mechanism of transformation between reactants and products can be followed using 1,3-segmatic rearrangement and conjugated dual hydrogen bonding (CDHB) complex formation.
Research Type	: Article
Research Year	: 2002
Publisher	: ASIAN JOURNAL OF CHEMISTRY Volume: 14 Issue: 2 Pages: 889-897
Supervisor	: Al-Thabaiti SA, Al-Nowaiser FM
Added Date	: Saturday, June 14, 2008

## Researchers :

Researcher Name (Arabic)	Researcher Name (English)	Researcher Type	Degree	Email
أ.د. شعيل بن احمد الثبيتي	Al-Thabaiti SA	Researcher	أستاذ	
فوزية محمد النويصر	Al-Nowaiser FM	Researcher	.	