

## UNDERGRADUATE THESIS

### STUDY OF -NH<sub>2</sub> AND -NO<sub>2</sub> SUBSTITUENT EFFECTS TO ASYMMETRICAL Pt(II)-PORPHYRIN SEMICONDUCTOR COMPLEXES AS A SENSITIZER USING DENSITY FUNCTIONAL THEORY/TIME DEPENDENT-DENSITY FUNCTIONAL THEORY (DFT/TD-DFT) METHOD

### *PENGARUH SUBSTITUEN -NH<sub>2</sub> DAN -NO<sub>2</sub> TERHADAP SIFAT KOMPLEKS SEMIKONDUKTOR Pt(II)-PORFIRIN ASIMETRIS SEBAGAI SENSITIZER DENGAN METODE DENSITY FUNCTIONAL THEORY/TIME DEPENDENT-DENSITY FUNCTIONAL THEORY (DFT/TD-DFT)*



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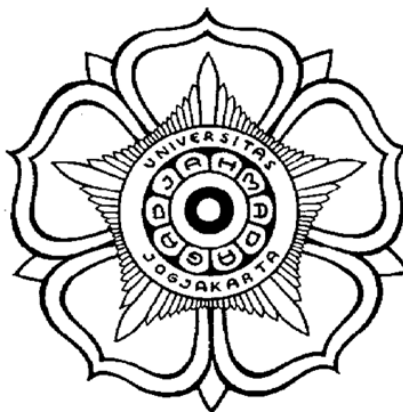
2019

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Submitted as a requirement in order to earn *Sarjana Sains* of Chemistry



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