

**TESIS**

**KAJIAN ADSORPSI ION LOGAM BERAT Mn(II), Zn(II),  
Fe(II), Ni(II), Cu(II), DAN Co(II) MENGGUNAKAN  
ADSORBEN NANOPARTIKEL MAGNETIK MFe<sub>2</sub>O<sub>4</sub>  
(M = Fe<sup>2+</sup>, Ni<sup>2+</sup>, Mg<sup>2+</sup>, Co<sup>2+</sup>, Mn<sup>2+</sup>, Zn<sup>2+</sup>)**

**STUDY OF HEAVY METAL IONS Mn(II), Zn(II), Fe(II), Ni(II),  
Cu(II), AND Co(II) ADSORPTION USING MFe<sub>2</sub>O<sub>4</sub> (M = Fe<sup>2+</sup>,  
Ni<sup>2+</sup>, Mg<sup>2+</sup>, Co<sup>2+</sup>, Mn<sup>2+</sup>, Zn<sup>2+</sup>) MAGNETIC NANOPARTICLES  
AS ADSORBENT**



**WAHYU WASKITO AJI**

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**PROGRAM STUDI S2 FISIKA  
DEPARTEMEN FISIKA  
FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM  
UNIVERSITAS GADJAHMADA  
YOGYAKARTA**

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