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# THE INTEGRAL 1907

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## The Senior Theses (Continued)

- Efficiency Test of an 8 x 10 Phoenix Automatic High Speed Engine.  
JOHN BARNARD WELLS                      ALEXANDER HENRY BOEHMER
- Tests of a Kerr Steam Turbine Direct Connected to a Multi-Stage High Pressure Worthington Centrifugal Pump.  
SIDNEY VINCENT JAMES                      IRVING F. JACKSON
- Compilation of Engineering Tables.  
HOWARD COMPSON DAVIES
- Effect of Diluting the Fuel with Exhaust Gases Upon the Economy and Power of the Gas Engine.  
CHARLES G. DREFFEIN                      IRA JAMES TURNBULL

## Civil Engineering Department

- Location of the Overton County, Tennessee, Railroad.  
EDMUND A. PRATT
- Track Elevation.  
JOHN TUTHILL WALBRIDGE                      LEROY HUSTED BADGER
- Design of a Steel Railway Viaduct.  
LOUIS M. SCHARLE
- Design of Waterworks System for Gary, Indiana.  
MORRIS THOMPSON                      FRED L. BURKHOLDER                      GEORGE S. LAUBACH
- The Forest Cañon Reservoir.  
JULIAN HAYDEN                      ALBERT HAYDEN, JR.
- Design of Impounding Reservoir and Filtration Plant.  
G. DWIGHT TOMPKINS                      C. J. NELSON
- Water Power Development at Iowa Falls, Iowa.  
CHARLES O. DOWDELL
- Design of a Sewer System for Gary, Indiana.  
J. F. MATHEWS, JR.                      J. L. HACKETT                      H. K. COPENHAVER                      G. A. STANTON
- Plans, Specifications, and Cost of Elevation of a Portion of the Tracks of the H. & N. Ry.  
L. B. YOUNG                      G. M. HEINSEN
- Design of a Three Span, Double Track, Reinforced Concrete Railroad Arch Bridge.  
C. S. MILLARD                      G. A. HAGGENDER
- Concrete in Railroad Construction.  
EDWIN HARDIN ELLETT, JR.
- Development of Track Work.  
WILLIAM O. LICHTNER

## Chemical Engineering Department

- Design of a Beet Sugar Plant.  
FREDERICK G. HEUCHLING
- Advanced Work in Metallurgy as Substitute for Thesis.  
H. W. JONES                      C. S. HEATH                      R. F. STEWARD                      ROBERT A. WIGHT
- An Investigation of the Composition of Producer Gas under Various Conditions.  
BALTHASAR HOFFMAN

## Fire Protection Engineering Department

- Water Distribution from Automatic Sprinklers.  
C. R. ALLING                      J. R. SCHMIDT