

ISSN 1978-3051

Vol. 42, No. 2, November 2010

ITB Journal of Engineering Science



Published by
the Institute for Research and Community Services
Institut Teknologi Bandung

Table of Contents

1. Behavior of Shear Link of WF Section with Diagonal Web
Stiffener of Eccentrically Braced Frame (EBF) of Steel Structure
Yurisman, Bambang Budiono, Muslinang Moestopo & Made Suarjana 103
2. The Effect of Nitrogen Gas Flushing on Intermediate Products
Formation in Acidogenic Stage of Anaerobic Process of Cocoa
Sweatings
Mindriany Syafila, Marisa Handajani & Adearty Prayascitra 129
3. Determination of Intrinsic Permeability for Packed Waste of
Indonesian Solid Waste
Benno Rahardyan, Retno Dwirestiani & Tri Padmi 137
4. Geoelectrical Resistivity and Hydrogeochemical Contrast
between the Area that Has Been Applied with Fertilization for
Long Duration and Non-Fertilization
Nur Islami 151
5. A Two Control Limits Double Sampling Control Chart by
Optimizing Producer and Customer Risks
Dradjad Irianto & Ani Juliani 165
6. Effect of Rake Angle on Stress, Strain and Temperature on the
Edge of Carbide Cutting Tool in Orthogonal Cutting Using FEM
Simulation
Hendri Yanda, Jaharah A. Ghani & Che Hassan Che Haron 179