

# *Dinamika* **TEKNIK SIPIL**

## **Majalah Ilmiah Teknik Sipil**

MODEL STUDIES ON THE SETTLEMENT OF REINFORCED-EMBANKMENT WITH GEOTEXTILES  
AND PLASTIC-SACK WASTES OVER SOFT SOILS

(Agus Setyo Muntohar)

DISTORTION ENERGY CRITERION FOR TIMBER UNIAXIAL COMPRESSION MECHANICAL PROPERTIES

(Yosafat Aji Pranata and Bambang Suryatmono)

FLOW NEAR GROIN FIELDS

(Istiarto, Bambang Agus Kironoto, and Pradipta Nandi Wardhana)

STRENGTH AND CHARACTERISTICS OF RED BRICK MADE OF WASTE SIDOARJO LAPINDO MUD

(Abdul Rochman and Sri Hudi)

BOILING EFFECT ON BAMBOO APUS OF TENSILE AND BENDING STRENGTH

(M. Fauzie Siswanto and I Made Suska V.)

ELASTICITY MODULUS ANALYSIS OF ASPHALT CONCRETE REINFORCED WITH GEOTEXTILE  
FROM THE RESULT OF BEAM BENDING TEST

(Sri Widodo, Bambang Sugeng Subagio, and Bagus Hario Setiadjit)

REVIEW OF COMPARISON OF BUILDING STRUCTURE CALCULATION USING  
THE RED BRICK WITH AUTOCLAVE AERATED CONCRETE

(Taufik Dwi Laksono)

GODUNOV CHART ANALYSIS FOR MULTILEVEL CHANNELS BY FINITE VOLUME

(Nugroho Widiastadi)

THE DEVELOPMENT OF HAZARD RISK ANALYSIS METHOD: A CASE STUDY IN LOMBOK ISLAND

(D. S. Agustawijaya, and Syamsuddin)

RIAU PEAT STABILISATION USING MIX NON ORGANIC SOIL AND CEMENT AS ROAD FILLS

(Soewignjo Agus Nugroho)

SPATIAL VARIABILITY OF NUMBER RAINFALL DAY IN EAST JAVA: APPLICATION OF EXPLORATORY  
SPATIAL DATA ANALYSIS (ESDA)

(Boedi Soesanto and Indarto)

SLOPE STABILITY PROBABILISTIC ANALYSIS ON SATURATED CLAY

(Anto Budi Listyawan, Senja Rum Harneini, and Bayu Chahyono)

MODELING OF REINFORCED CONCRETE BEAM-COLUMN SUBASSEMBLAGES  
SUBJECTED TO EARTHQUAKE TYPE LOADING USING VECTOR-5

(Ridwan)

DEFLECTION PREDICTION USING STRUT-AND-TIE MODEL WITH AN EFFECTIVE  
CROSS-SECTIONAL AREA APPROACH

(Tavio and F. Hartoyo)

USAGE VARIATION MATERIAL ADDED PURE SUGAR AND ASH CHARCOAL  
BRIKET ON MIXED CONCRETE HIGH QUALITY

(Suhendro Trinugroho dan Elra Fitri K.)

ATTRIBUTE PURSUING OF PEDESTRIAL PERCEPTIONS ON THE USE OF CROSSING BRIDGE  
IN JATINGALEH SEMARANG

(Gatoet Wardianto, Eko Budihardjo, Eko Budihardjo, dan Eddy Prianto)