

Siti Nur Ainun Khoirun Nisa. 2022. *Analisis Berpikir Kreatif dalam Pemecahan Masalah pada Materi Sistem Bilangan Ditinjau dari Gaya Belajar FIFD Siswa Kelas X SMK Ki Hajar Dewantara*. Skripsi, Program Studi Pendidikan Informatika, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing I: Muchamad Arif, S.Pd., M.Pd.

ABSTRAK

Penelitian ini bertujuan untuk menganalisis tingkat kemampuan berpikir kreatif siswa kelas X TKJ dalam menyelesaikan masalah pada materi sistem bilangan yang ditinjau dari gaya belajar *field-independent* dan *field-dependent*. Jenis penelitian yang digunakan adalah pendekatan deskriptif kualitatif. Penelitian ini dilakukan di SMK di Desa Gundik, Kecamatan Slahung, Kabupaten Ponorogo. Pengambilan sampel menggunakan *purposive sampling*. Sampel penelitian sebanyak 4 siswa yang dilihat dari gaya belajar. Teknik pengumpulan data dilakukan melalui observasi, hasil tes GEFT dan tes soal. Dengan menggunakan triangulasi sumber. Hasil penelitian analisis berpikir kreatif pada materi sistem bilangan menunjukkan bahwa: 1) subjek dengan gaya belajar *field independent* mampu mencapai dua indikator berpikir kreatif yaitu kefasihan dan fleksibel dimana mampu memenuhi tingkat 3 (Kreatif), 2) subjek dengan gaya belajar *field dependent* tidak mampu mencapai indikator berpikir kreatif dimana memenuhi tingkat 0 (Tidak Kreatif).

Kata kunci: Kemampuan berpikir kreatif, sistem bilangan, *field independent*, *field dependent*.

Siti Nur Ainun Khoirun Nisa. 2022. *Analysis of Creative Thinking in Problem Solving in Number System Material in View of the FIFD Learning Styles of Class X Students of SMK Ki Hajar Dewantara*. Thesis, Informatics Education Study Program, Faculty of Education, Trunojoyo University Madura. Advisor 1: Muchamad Arif, S.Pd., M.Pd.

ABSTRACT

This study aims to analyze the level of creative thinking skills of class X TKJ students in solving problems in the number system material in terms of field-independent and field-dependent learning styles. The type of research used is a qualitative descriptive approach. This research was conducted at a vocational school in Gundik Village, Slahung District, Ponorogo Regency. Sampling using purposive sampling. The research sample was 4 students. Data collection techniques were carried out through observation, GEFT test results and question tests. Then triangulated using triangulation source. The results of the analysis of creative thinking on number system material show that: 1) subjects with field independent learning styles are able to achieve two indicators of creative thinking, namely fluency and flexibility which are able to fulfill level 3 (Creative), 2) subjects with field dependent learning styles are unable to achieve indicators of creative thinking which meet level 0 (Not Creative).

Keywords: *Ability to think creatively, number system, field independent, field dependent.*