

ABSTRAK

AI SUSI LISNAWATI. 2021. Studi Proses Berpikir Kreatif Siswa dalam Memecahkan Masalah *Ill-Structured* Matematika Berdasarkan Tahapan Wallas Ditinjau Dari Tipe Kepribadian Extrovert dan Introvert. Pascasarjana Pendidikan Matematika, Universitas Siliwangi.

Proses berpikir kreatif matematik merupakan salah satu cara untuk melihat persoalan dari banyak perspektif. Tahapan berpikir yang dikembangkan oleh Wallas meliputi tahap persiapan, tahap inkubasi, tahap iluminasi dan tahap verifikasi. Masalah *ill-structured* matematika merupakan masalah yang unsur-unsurnya tidak disajikan secara jelas. Penelitian ini bertujuan untuk mendeskripsikan proses berpikir kreatif siswa dalam memecahkan masalah *ill-structured* matematika berdasarkan tahapan Wallas ditinjau dari tipe kepribadian extrovert dan introvert. Jenis penelitian ini termasuk penelitian kualitatif dengan metode penelitian eksploratif. Teknik pengumpulan data menggunakan tes berpikir kreatif dalam bentuk *ill-structured*, angket tipe kepribadian extrovert - introvert yang diambil dari MBTI (*Myer Bringgs Type Indicator*) dan wawancara. Instrumen penelitian ini menggunakan lembar angket tipe kepribadian, soal tes berpikir kreatif dalam bentuk *ill-structured*. Subjek penelitian sebanyak 6 siswa yang diambil dari kelas VIII F SMP Negeri 1 Singaparna yang berjumlah 30 siswa tahun ajaran 2020/2021. Hasil penelitian menunjukkan bahwa, (1) Semua subjek extrovert melalui tahap persiapan, iluminasi dan verifikasi dengan karakteristik umum tipe kepribadian extrovert yang sama, kecuali tahap inkubasi karena ada salah satu subjek yang tidak melewati tahap inkubasi. Semua subjek extrovert hanya mampu memenuhi beberapa indikator berpikir kreatif saja, hal ini karena subjek terlalu fokus pada rumus. (2) Semua subjek introvert dapat melewati semua tahapan Wallas yang meliputi tahap persiapan, inkubasi, iluminasi dan verifikasi dengan karakteristik umum tipe kepribadian introvert yang sama. Hanya satu subjek yang mampu memenuhi semua indikator berpikir kreatif, sedangkan dua subjek lainnya hanya mampu memenuhi beberapa indikator saja yaitu *fluency* dan *elaborasy*.

Kata Kunci : berpikir kreatif , *ill-structured*, tipe kepribadian extrovert dan introvert.

ABSTRACT

AI SUSI LISNAWATI. 2021. The Study of the Creative Thinking Students in Solving Problems Ill-Structured Math Based on Stages of Wallas In terms of Type Personality Extrovert and Introverts. Math graduate of Education, Siliwangi University.

The process of thinking creative mathematics is one way to see problems from many perspectives. The stages of thinking developed by Wallas include the preparation stage, stale stage, the nediscrimination and verification stage. The math-strated math problem is a problem whose elements are not presented clearly. This study aims to describe the process of student creative thinking in solving maths problem based on Wallas's stage of extrovert personality and introverts. This type of research includes qualitative research with explore research methods. Data collection techniques using creative thinking tests in the form of ill-stice, an extrovert-type personality type-- introverts taken from MBTI (Myer Bringgs Type Ind) and interviews. This study instrument uses a questionnaire type of personality, regarding creative thinking tests in the form of ill-scord. The research subject was 6 students taken from class VIII F First State Singaparna Junior High School (SMPN 1 Singaparna) that amounted to 30 students in 2020/2021 academic year. The results of the study indicate that, (1) All subject extrovert through preparation stage, illumination and verification with common characteristics of the same extrovert personality type, except for the stage of inquiry because there was one subject that does not pass through the stages of stale. All extrovert subjects are only able to fulfill some creative thinking indicators, this is because the subject is too focused on the formula. (2) All subjects of introverts can pass through all the stages of Wallas which include the preparation stage, stale, and verified with the same generic characteristics of the introvert's personality. Only one subject capable of fulfilling all the creative thinking indicators, while two other subjects are only able to meet some indicators, namely fluency and elaborasy.

Keywords: creative thinking, ill-structured, extrovert's personality types and introverts.