

**KEMAMPUAN KONEKSI MATEMATIS SISWA SMP
DITINJAU DARI *BIG FIVE PERSONALITY TRAITS***

SKRIPSI

Diajukan untuk Memenuhi Sebagian dari Syarat Memperoleh Gelar
Sarjana Pendidikan pada Program Studi Pendidikan Matematika



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Sebuah skripsi yang diajukan untuk memenuhi salah satu syarat memperoleh gelar Sarjana Pendidikan Matematika pada Fakultas Pendidikan Matematika dan Ilmu Pengetahuan Alam

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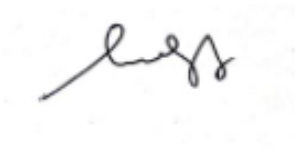
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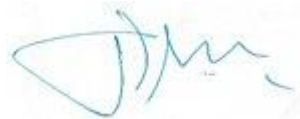


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ABSTRAK

Aulia Suci Wardina (1607564). **Kemampuan Koneksi Matematis Siswa SMP Ditinjau dari *Big Five Personality Traits*.**

Penelitian ini bertujuan untuk mengetahui kemampuan koneksi matematis siswa SMP ditinjau dari *Big Five Personality Traits* di Kabupaten Bekasi. Penelitian ini menggunakan metode kualitatif deskriptif dengan triangulasi data. Instrumen yang digunakan berupa tes uraian sebanyak empat soal yang mengacu pada indikator kemampuan koneksi matematis dan telah dikonsultasikan dengan ahli dan angket *traits* kepribadian *Big Five* yang telah diadopsi. Berdasarkan hasil penelitian diketahui bahwa kemampuan koneksi matematis siswa ditinjau dari dimensi kepribadiannya yakni 1) siswa dengan dimensi *extraversion*, *agreeableness*, *conscientiousness*, *neuroticism*, *openness* mampu mengenali dan menghubungkan antar ide matematika secara berturut-turut dengan persentase 60%, 60%, 60%, 20%, 64.21% 2) siswa dengan dimensi *extraversion*, *agreeableness*, *conscientiousness*, *neuroticism*, *openness* mampu menghubungkan dan mengaplikasikan konsep matematika pada disiplin ilmu lain secara berturut-turut dengan persentase 0%, 25%, 35%, 0%, 27.37%, 3) siswa dengan dimensi *extraversion*, *agreeableness*, *conscientiousness*, *neuroticism*, *openness* mampu menghubungkan dan mengaplikasikan konsep matematika pada permasalahan kehidupan sehari-hari secara berturut-turut dengan persentase 0%, 25%, 25%, 20%, 34.21%.

Kata Kunci : Koneksi, Koneksi Matematis, Kemampuan Koneksi Matematis, *Big Five*, *Big Five Personality*

ABSTRACT

Aulia Suci Wardina (1607564). **Student' Junior High School Mathematical Connection Ability Based On The Big Five Personality Traits.**

This research aims to determine the mathematical connection ability of junior high school students based on the Big Five personality Traits in Bekasi Regency and use qualitative descriptive method with data triangulation. The instrument used in the form is test description as many as four questions that refers to the indicators of mathematical connection ability and has been consulted with experts and the Big Five personality traits questionnaire that has been adopted. The result of this research was known that student's mathematical connection ability based on Big Five personality: 1) students who have the dimension of extraversion, agreeableness, conscientiousness, neuroticism, openness are able to recognize and connect between mathematical ideas with the percentage sequentially 60%, 60%, 60%, 20%, 64.21% 2) students who have the dimension of extraversion, agreeableness, conscientiousness, neuroticism, openness are able to connect and apply mathematical concepts to other sciences with the percentage sequentially 0%, 25%, 35%, 0%, 27.37%, 3) students who have the dimension of extraversion, agreeableness, conscientiousness, neuroticism, openness are able to connect and apply mathematical concepts to solve the problems of daily life with the percentage sequentially 0%, 25%, 25%, 20%, 34.21%.

Keywords : Connections, Mathematical Connection, Mathematical Connection Ability, Big Five, Big Five Personality

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