

ABSTRAK

Hasna Dewi Ritonga. Pengaruh Pendekatan Pembelajaran Open-Ended Bernuansa Budaya Batak Angkola Terhadap Kemampuan Berpikir Kreatif dan Disposisi Matematis Siswa Siswa SMP N 2 Kecamatan Arse. Tesis. Medan: Program Pascasarjana Universitas Negeri Medan, 2018.

Penelitian ini bertujuan untuk mendeskripsikan: 1) menganalisis pengaruh pendekatan pembelajaran open-ended bernuansa budaya batak angkola terhadap kemampuan berpikir kreatif matematis siswa, 2) menganalisis pengaruh KAM terhadap kemampuan berpikir kreatif matematis siswa, 3) menganalisis pengaruh pendekatan pembelajaran open-ended bernuansa budaya batak angkola terhadap disposisi matematis siswa, 4) menganalisis pengaruh KAM terhadap disposisi matematis siswa. 5) menganalisis interaksi antara pendekatan pembelajaran dan kemampuan awal matematis terhadap kemampuan berpikir kreatif matematis siswa. 6) menganalisis interaksi antara pendekatan pembelajaran dan kemampuan awal matematis terhadap disposisi matematis siswa. Instrumen yang digunakan adalah tes kemampuan berpikir kreatif dan angket disposisi matematis siswa. Analisis yang digunakan adalah ANAVA dua arah. Dari hasil uji coba lapangan diperoleh: 1) terdapat pengaruh pendekatan pembelajaran open-ended bernuansa budaya batak angkola terhadap kemampuan berpikir kreatif matematis siswa, 2) terdapat pengaruh KAM terhadap kemampuan berpikir kreatif matematis siswa, 3) terdapat pengaruh pendekatan pembelajaran open-ended bernuansa budaya batak angkola terhadap disposisi matematis siswa, 4) terdapat pengaruh KAM terhadap disposisi matematis siswa. 5) tidak terdapat interaksi antara pendekatan pembelajaran dan kemampuan awal matematis terhadap kemampuan berpikir kreatif matematis siswa. 6) tidak terdapat interaksi antara pendekatan pembelajaran dan kemampuan awal matematis terhadap disposisi matematis siswa.

Kata Kunci: *Pendekatan Pembelajaran Open-Ended, Budaya Batak Angkola, Kemampuan Berpikir Kreatif, Dan Disposisi Matematis Siswa.*

ABSTRACT

Hasna Dewi Ritonga. The Effect of Integrated Batak-angkola Culture on Open-ended Approach to Mathematical Creative Thinking Skills and Mathematical Disposition of Middle Secondary School Students . Tesis. Medan: Post Graduate School Universitas Negeri Medan, 2018.

The purpose of this study was to: (1) analyze the effect of Batak-Angkola culture integration on Open-ended approach (BAC-OE) towards mathematical creative thinking skills (MCTS) of the students, (2) analyze the effect of initial mathematical abilities (IMA) on mathematical creative thinking skills, (3) analyze the effect of Batak-Angkola culture integration on Open-ended approach (BAC-OE) towards mathematical disposition of the students, (4) analyze the effect of initial mathematical abilities (IMA) on mathematical disposition studen, (5) find out whether there is an interaction between BAC-OE and IMA towards MCTS, (6) find out whether there is an interaction between BAC-OE and IMA towards mathematical disposition studen. The instrument used is the test of MCTS and mathematical disposition. Data analysis was carried out by two-way ANOVA. The results of the research show: (1) there is an effect of BAC-OE towards MCTS of the students, (2) there is an effect of IMA on MCTS of the students, (3) there is an effect of Batak-Angkola culture integration on Open-ended approach (BAC-OE) towards mathematical disposition of the students, (4) there is an effect of initial mathematical abilities (IMA) on mathematical disposition studen, (5) no interaction between BAC-OE and IMA towards MCTS, (6) no interaction between BAC-OE and IMA towards mathematical disposition studen.

Keywords: *open-ended learning approach, Batak-Angkola culture, mathematical creative thinking skills, mathematical disposition studen*