

# EFFECTIVENESS OF THE DISCREPANT EVENTS STRATEGY ON THE ACHIEVEMENT AND CREATIVE THINKING OF THE INTERMEDIATE SECOND-YEAR FEMALE STUDENTS IN MATHEMATICS AND ITS AESTHETIC TASTE

**MUDREKA SALIH ABDULLAH**  
**Al-Mustansiriya University**

***ABSTRACT\_** The present study aims at knowing the effectiveness of the discrepant events strategy on the achievement and innovative thinking of the intermediate second-year female students in mathematics and its aesthetic taste. The study sample consisted of (50) female students in Al-Noiman secondary school distributed in two sections, The researcher chooses one of these two sections to be the experimental group the number of its members was (25) and the other to be the control group of (25) members, the posttest-two equivalent groups design was used. The researcher prepared three tools, the first was to measure achievement consisting of (30) objectivity items with four alternatives, the second was to measure innovative thinking of (15) essay items distributed equally over three skills (fluency, flexibility, and originality), the third to measure aesthetic taste consisting of (25) items according to a questionnaire with three alternatives (often, sometimes, and rarely), it has been verified sincerity, and the reliability of each tool. The results are analyzed using an equation  $t$ -test for two independent samples. The study found that: There were significant statistical differences at (0.05) between the means of the experimental and control group due to favor the experimental group in each tool. The study offered a set of recommendations.*

**KEY WORD:** Discrepant Events, Achievement, Creative Thinking, Mathematics, Aesthetic Taste.