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ข้อความแห่งการริเริ่ม

1) วิทยานิพนธ์นี้นำเสนอวิธีการหาค่าที่เหมาะสมบนพื้นฐานของการหาค่าที่เหมาะสมของการเคลื่อนที่ของกลุ่มอนุภาคร่วมกับวิธีการคำนวณเชิงวิวัฒนาการและการค้นหาแบบตาบู

2) วิทยานิพนธ์นี้ยังได้นำเสนอวิธีการแก้ปัญหาฟังก์ชันหลายวัตถุประสงค์บนพื้นฐานของการจัดกลุ่มด้วยฟัซซีซีมีนและการคัดเลือกแบบทัวนาเมนต์โดยวิธีการนี้สามารถเลือกและคงอนุภาคที่สำคัญที่มีค่าตามเป้าหมายของฟังก์ชันวัตถุประสงค์เอาไว้ได้

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STATEMENTS OF ORIGINALITY

1. This thesis proposed an optimization method based on particle swarm optimization combined with evolutionary programming, and tabu search.

2. This thesis also proposed a multi-objective function solution method base on fuzzy C-mean clustering and tournament scheme selection. The proposed method can select and retain important particles with process the target of objective function.

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