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発表の概要と成果 (抄録を公開している URL がある場合、「概要・成果」を記載した上で、URL を末尾に記してください。また、抄録 PDF は別途ご提出ください。なお、抄録 PDF は Web 上には公開されません。)	
<p>The purpose of this study is to propose a prototype of design principles for face-to-face mathematics classes in correspondence high schools, based on a qualitative analysis of the design and implementation. This study was conducted in 2022 with 270 students taking the required “Mathematics 1” course in a correspondence high school in Japan. To qualitatively analyze the effectiveness of the design and implementation of the face-to-face classes, open-ended questionnaires surveys were conducted with students. The open-ended data were analyzed using the thematic analysis. As a result of the analysis, this paper proposes “implementation of personalized instruction with consideration of interpersonal relationships” and “implementation of self-paced learning” as prototypes of design principles for face-to-face classes in correspondence high schools. A future work is to verify and improve the prototype of the design principles proposed in this paper in multiple cycles of design research.</p> <p>https://2024.icome.education/wp-content/uploads/2024/10/ICoME2024_Proceedings_final.pdf</p>	

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