



Michel Bierlaire

Professor

École polytechnique fédérale de Lausanne

This is to certify that

Youming Zhao

successfully completed and received a passing grade in

**optimizationX-1: Optimization: principles and algorithms -
Linear optimization**

a course of study offered by EPFLx, an online learning initiative of Ecole
Polytechnique Federale de Lausanne.



Verified Certificate
Issued April 28, 2024

Valid Certificate ID
[a9d856e6da564cc38f1d9adef2b84a99](#)