



# DEU Undergraduate Mathematics Marathon Days 29(M) / 30(T) December—B206



Time	Speaker(s)	Title
M09:00	ALEYNA ÖZDOĞAN, BERKCAN AHMET ABİ, SELÇUK DEVECİ	Mathematical Modeling of a Sun-Tracking Six-Leg Panel System
M09:30	AYÇA EGELİ	Laplace Transform and its applications to PDE's
M09:55	GÜL BENGÜSU TETİK	Contribution of Newton to Mathematics
M10:20	HÜSEYİN BİRCEK	Harmonic Functions and Applications
M10:45	SELİN TELLİ	Mathematical Modeling of Real-World Systems
M11:10	ECE YEŞİLDAĞ, EMRE ÖZDEMİR	Minimization of a Non-Minimal Surface Using alpha-Bezier Surface Approximation
M11:35	ESRA SUDE DİLLİLER	Pell Equations
M12:00	NESLİŞAH TEKBAŞ	Lorenz System
M12:25	YİĞİT ATAKAN TEBER	Projective Geometry
M12:50	BELİS MEHMETOĞLU	Mathematics and Ideas in the Enlightenment
M13:15	RUMEYSA BÖLÜKKAYA	Frobenius' Theorem on Finite Dimensional Real Division Algebras
M13:40	ECENUR ILGIN	Average Bezier Curves
M14:05	ÖZDENUR DOĞAN	Mathematical Foundations of Facial Recognition Systems
M14:30	TOLGA CAN ÖZMEN	Development of an Interactive Bézier Curve Editor
M14:55	PINAR ECEM AKYILDIRIM	Origami Axioms and Constructible Numbers by Origami
M15:20	ATAKAN ÖZCAN	Origami Axioms and Constructible Numbers by Origami
T09:00	OSMAN BAŞKUT	An Introduction to Graph Minors
T09:25	DUYGU ÇELEN	An Introduction to Metric Spaces
T09:50	DENİZ ÇAKIR	Cayley Graphs of Groups
T10:15	NERMİN ERGİN	The Cayley - Hamilton Theorem and Its Applications
T10:40	BEGÜM YURDUSEV	Cryptology by using special number sequences and Choi matrices
T11:05	EMRE ERGÜL	Choi Matrix and Its Properties
T11:30	SENA VARLIKLI	Mathematical Correctness in Large Language Models
T11:55	YUSUF İSLAM ŞAHİN	Time Series Forecasting Methods
T12:20	SUDE CENGER	Cordic algorithm
T12:45	BERKAY TÜRKEŞ	The Relationship Between Dropout Regularization and Entropy in Neural Networks
T13:10	KAAN PİRİ GÜRSOY	History of Analysis
T13:35	SERHAT TURAN	Gradient Descent