Technische Universität München
Chair of Media Technology
Prof. Dr.-Ing. Eckehard Steinbach

TUM

Image and Video Compression Laboratory

Signature page SS2019:

Last Name:	Song	Student ID:							
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Chapter	Date	Preparation	Implementation
1. **Fundamentals** • Distortion Measure • Filtering and Resampling • Color Transform • Milestone: Lossy Still Image Codec	09.05. 2019	M.Oeth	M.Oeth
2. **Entropy Coding** • Statistical Modeling and Entropy • Huffman Coding • Milestone: Predictive Still Image Codec	23.05	何博文	何博文
3. **Quantization** • Uniform Scalar Quantization • Lloyd-Max Scalar Quantization • Milestone: VQ Still Image Codec	06.06. 2019	M.Oeth	M.Oeth
4. **Transform Coding** • Discrete Cosine Transform (DCT) • Discrete Wavelet Transform (DWT) • Milestone: Transform Still Image Codec	27.06	何博文	何博文
5. **Motion Compensation** • Temporal Prediction • Blockmatching • Milestone: Hybrid Video Codec	08.07. 2019	M.Oeth	M.Oeth

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	Chapter	Date	Preparation	Implementation
1.	**Fundamentals** • Distortion Measure • Filtering and Resampling • Color Transform • Milestone: Lossy Still Image Codec	09.05.2019	M.Ash	M.Ash
2.	**Entropy Coding** • Statistical Modeling and Entropy • Huffman Coding • Milestone: Predictive Still Image Codec	23.05	何博文	何博文
3.	**Quantization** • Uniform Scalar Quantization • Lloyd-Max Scalar Quantization • Milestone: VQ Still Image Codec	06.06.2019	M.Ash	M.Ash
4.	**Transform Coding** • Discrete Cosine Transform (DCT) • Discrete Wavelet Transform (DWT) • Milestone: Transform Still Image Codec	27.06	何博文	何博文
5.	**Motion Compensation** • Temporal Prediction • Blockmatching • Milestone: Hybrid Video Codec	09.07.2018	M.Ash	M.Ash