

İçerik

Ders Kodu	Dersin Adı	Yarıyıl	Teori	Uygulama	Lab	Kredisi	AKTS
INF 501	Çok Biçimli Bilgi Tasarımı ve Erişimi	1	3	0	0	3	6

Ön Koşul	
Derse Kabul Koşulları	

Dersin Dili	İngilizce
Türü	Zorunlu
Dersin Düzeyi	Yüksek Lisans
Dersin Amacı	Introduce current aspects of the design and the implementation of systems for gathering, indexing and searching documents. Present and evaluate searching systems on text, image, audio and video processing tools. Discuss modern architecture of indexation and query processing. Generation, tracking, compressing and filtering techniques in information retrieval and related features of multimodal and hybrid search engines. Advanced Topics in new generation search engines related to multimedia formats (indexing, storage and retrieval techniques) will be covered in this course.
İçerik	1- Boolean Retrieval, Scoring and Vector Spacing Model 2- Evaluation and Relevance Feedback 3- XML retrieval & Probabilistic information retrieval 4- Classification 5- Latent Semantic Retrieval 6- Features of Multimedia Information -I 7- Features of Multimedia Information - II 8- Midterm 9- Image Retrieval Methods - I 10- Image Retrieval Methods - II 11- Audio Retrieval Method 12- Video Retrieval Methods - I 13- Video Retrieval Methods - II 14- Projects
Kaynaklar	Christopher D. Manning, Prabhakar Raghavan and Hinrich Schütze, Introduction to Information Retrieval, Cambridge University Press. 2008. Jens Rainer Ohm, Multimedia Content Analysis, Springer, 2016. Maragos, Potomianos, Gros, Multimodal Processing and Interaction Audio, Video, Text, Springer, 2008.

Teori Konu Başlıkları

Hafta	Konu Başlıkları
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