「OCW를 위한 공개강의 Teaching Portfolio」

OER *(Open Educational Resources)* 제작 결과 보고서

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강좌명	우주환경 I	Solar-Terrestrial Physics I

번호	주차	언어	주차 강의 주제	자료 내용 설명	자료 키워드	파일유형
1	1	Korean				PDF
		English	Introduction to the dynamic nature of the Sun I	short-term variation of the Sun	solar magnetic fields	
2	2	Korean				PDF
		English	Introduction to the dynamic nature of the Sun II	long-term variation of the Sun, dynamo & magnetoconvection	solar magnetic fields	
3	3	Korean				동영상 142분 PDF
		English	Introduction to the dynamic nature of the Sun III	flux emergence, flare	solar magnetic fields	
4	4	Korean				동영상 148분 PDF
		English	Introduction to the dynamic nature of the Sun IV	coronal mass ejection & solar wind	solar magnetic fields	
5	5	Korean				동영상 146분 PDF
		English	Introduction to the dynamic nature of the Sun V	solar wind & introduction to plasma	solar magnetic fields, plasma physics	
6	6	Korean				동영상 146분 PDF
		English	Basics of plasma physics I	introduction to plasma	plsama physics	
7	7	Korean				동영상 147분 PDF
		English	Basics of plasma physics II	kinetic & fluid approaches to plasma physics	plasma physics	
8	8	Korean				동영상 152분 PDF
		English	Basics of plasma physics III	MHD (Magnetohydrodynamic) equations	plasma physics	
9	9	Korean				동영상 73분 PDF
		English	Solar flares I	Observed properties of flares	solar physics	

10	10	Korean				동영상 70분 PDF
		English	Solar flares II	Energy build-up phase	solar physics	
11	11	Korean				동영상 145분 PDF
		English	Solar flares III	preflare & energy release phases	solar physics	
12	12	Korean				동영상 143분 PDF
		English	Solar flares IV	Energy release phase	solar physics	
13	13	Korean				동영상 148분 PDF
		English	Solar-terrestrial environment I	Configuration of IMF (Interplanetary magnetic field)	solar-terrestrial physics	
14	14	Korean				동영상 130분 PDF
		English	Solar-terrestrial environment II	Parker's model, CIR (Corotating interaction region), ICME (Interplanetary coronal mass ejection)	solar-terrestrial physics	
15	15	Korean				PDF
		English	Solar-terrestrial environment III	magnetopause, bow shock, aurora, substorm, magnetic storm	solar-terrestrial physics	