

Seminarplan

Dynamische Systeme und neuronale Netzwerk-Modelle in der Psycholinguistik (5220159)

Peter beim Graben (peter.beim.graben@hu-berlin.de)

Mittwochs 18:00 – 20:00 Uhr

Beginn 19.10.2011

Raum 3.102 Dorotheenstraße 24 (DOR 24)

Termin	Datum	Thema	Referenten
1.	19.10.2011	Organisatorisches; Dynamische Systeme / Analysis	beim Graben
2.	26.10.2011	Neuronale Netzwerke / Lineare Algebra	beim Graben
3.	02.11.2011	Beer (2000) Rączaszek-Leonardi & Kelso (2008)	
4.	09.11.2011	Kawamoto (1993) Kawamoto et al. (1994)	
5.	16.11.2011	McClelland & Elman (1986) Seidenberg & McClelland (1989)	
6.	23.11.2011	Rumelhart & McClelland (1986) Sejnowski & Rosenberg (1987)	
7.	30.11.2011	Elman (1990) Elman (1995)	
8.	07.12.2011	Hinton & Shallice (1991) Plaut (1996)	
9.	14.12.2011	Plaut & Kello (1999) Kiebel et al. (2009)	
10.	21.12.2011	<i>Weihnachtsferien</i>	
11.	28.12.2011	<i>Weihnachtsferien</i>	
12.	04.01.2012	<i>fällt aus</i>	
13.	11.01.2012	Tabor et al. (1997) Tabor & Tanenhaus (1999)	
14.	18.01.2012	Vosse & Kempen (2000) Vosse & Kempen (2009)	
15.	25.01.2012	Prince & Smolensky (1997) Smolensky (2006)	
16.	01.02.2012	Moore (1990) beim Graben et al. (2004)	
17.	08.02.2012	beim Graben et al. (2008) Gerth & beim Graben (2009)	
18.	15.02.2012	Wennekers et al. (2006) Garagnani et al. (2007)	

Scheinvergabe:

1. Gute Vorbereitung (Texte lesen!).
2. Referat und Teilnahme an der Semindiskussion. Ggf. Übungen.
3. Schriftliche Hausarbeit.

Literatur

Hintergrund

Smolensky, P. & Legendre, G. (2006). *The Harmonic Mind. From Neural Computation to Optimality-Theoretic Grammar*. MIT Press. Vol.1: *Cognitive Architecture*.

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Kaplan, D. & Glass, L. (1995). *Understanding Nonlinear Dynamics*. Springer.

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Referate

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