LIN 825: Phonological Theory II
Spring 2018

Instructor	**Meetings**
Karthik Durvasula	by Regular Off. hours:
Office: B330 Wells Hall	Thur, 2:10 - 4:00pm
E-mail: durvasul@msu.edu	(or) by appointment

Class Schedule / Location

| **Tuesday** | 3:00 - 5:50pm | 105B Berkey Hall |

Note 1: Its best to email me a day or two BEFORE you meet with me so that I can let you know if I am free at the time you plan to come.

Course Goals

The goal of the course is to enable students to critically evaluate phonological theories, especially in the framework of OT. This will (hopefully) be achieved through a selective (hence, incomplete) journey through the various developments of the OT Architecture. One main topic that will be pursued towards this goal is the analysis of OPACITY in OT. In the second part of the course, we will see how OT has been modified to account for more variable/probabilitic patterns. Both these avenues of knowledge have served as launch pads for a variety of interesting/innovative tweaks to the Classic OT Architecture.

Recommended Text

- Kager, Rene (1999). *Optimality Theory*. Cambridge University Press.

- Materials may be

  (a) distributed in class.
  (b) posted on the course website (D2L).
  (c) placed on reserve in the library.

- Very useful websites

  (a) Rutgers Optimality Archives
  (b) LingBuzz

Course Requirements

Attendance

Students are expected to attend and participate in all classes. It is important to attend all classes since materials that are not covered in the textbook maybe be presented. Please be sure to get the

notes from any class you may miss. Some materials maybe be sent via email, but you should also check with me or a classmate regarding material you may have missed.

Readings

Students are expected do all the assigned readings. It is best to do the reading before the day it is discussed in class.

Homework (assignments to be sent by e-mail or posted on the website)

The homework consists of

1. For Opacity: analysing the data in Idsardi (2000) according to the modified OT Theories - to be submitted on the day the paper is presented.

2. For other topics: TBA

On the days that you have to present a paper, you dont have to submit the homework; but, if you really love the topic and you reeeeeealy wanna write-up the homework, too, then go ahead and turn it in!

Exams

There a final paper due at the end of the semester.

<table>
<tr><td colspan="2" align="center">**Grading Weight**</td></tr>
<tr><td>Homework</td><td>35%</td></tr>
<tr><td>Paper Presentation</td><td>10%</td></tr>
<tr><td>Final Paper Presentation</td><td>15%</td></tr>
<tr><td>Final Paper</td><td>40%</td></tr>
<tr><td>Total</td><td>100%</td></tr>
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<table>
<tr><td colspan="2" align="center">**Grading Scale**</td></tr>
<tr><td>4.0</td><td>93% or higher</td></tr>
<tr><td>3.5</td><td>85% - 92.9%</td></tr>
<tr><td>3.0</td><td>77% - 84.9%</td></tr>
<tr><td>2.5</td><td>69% - 76.9%</td></tr>
<tr><td>2.0</td><td>61% - 68.9%</td></tr>
<tr><td>1.5</td><td>53% - 60.9%</td></tr>
<tr><td>1.0</td><td>45% - 52.9%</td></tr>
<tr><td>0.0</td><td>44.9% or lower</td></tr>
</table>

Note 3: If you cannot come to a scheduled test, you must discuss this with me at least ONE CLASS PERIOD BEFORE the test. If there is an emergency after this, and you cannot contact anyone in person, send me an e-mail explaining the nature of the emergency and how you can be contacted to discuss the matter.

Spartan Code of Honor Academic Pledge

As a Spartan, I will strive to uphold values of the highest ethical standard. I will practice honesty in my work, foster honesty in my peers, and take pride in knowing that honor is worth more than grades. I will carry these values beyond my time as a student at Michigan State University, continuing the endeavor to build personal integrity in all that I do.

Course Schedule

This schedule is subject to slight variation, so if you miss a class, be sure to check with me or a classmate. It is most helpful to do the readings for a given topic BEFORE the first class dealing with that topic. This will make the lectures easier to follow, and you will be in a better position to ask questions about things that might not be clear to you.

Wk	Date	Topic	Presenter
1	January 9	Syllabus and Course discussion	
2	January 16	OT Basics 1 Kager (1999): Chapters 1-2 Extra: Prince, Alan & Smolensky, Paul (manuscript). Optimality Theory in Phonology. [PDF]	Karthik
3	January 23	OT Basics 2 Kager (1999): Chapters 3-5 Extra: Prince, Alan & Smolensky, Paul (1993/2002). Optimality Theory. Constraint Interaction in Generative Grammar. [PDF]	Karthik
Opacity			
4	January 30	Kiparsky, Paul (1973). Abstractness, opacity, and global rules. In Osamu Fujimura (ed.) *Three dimensions in linguistic theory*. Tokyo: TEC. 5786. [PDF uploaded to D2L] Idsardi, W. J. (1998). Tiberian Hebrew Spirantization and Phonological Derivations. *Linguistic Inquiry 29(1)*. 37-73. [PDF] Extra: Baković, Eric (2011). Opacity and Ordering. The Handbook of Phonological Theory, Second Edition. [PDF]	Karthik Karthik
5	February 6	**Sympathy Theory**: McCarthy, John J. (manuscript). Sympathy and phonological opacity. [PDF] Extra: Walker, Rachel (1999). Reinterpreting Transparency in Nasal Harmony. *Proceedings of the HIL Phonology conference 4*, Leiden University, Jan 28-30, 1999 [PDF]	Karthik

6	February 13	**Turbidity theory**: Goldrick, Matthew (2000). Turbid output representations and the unity of opacity. *Proceedings of NELS 30*. Amherst: GLSA. 15pp. [PDF]	Karthik
7	February 20	**Local Constraint Conjunction**: Ito, Junko & Armin Mester (2003). On the sources of opacity in OT : coda processes in German. In Fery & van de Vijver (2003). 271303. [PDF]	Ye Ma
8	February 27	**Stratal OT**: Kiparsky, Paul (2000). Opacity and cyclicity. *The Linguistic Review 17*. 351365. [PDF] Extra: Bermudez-Otero, Ricardo (manuscript). Stratal Phonology. [PDF]	Jacklyn
9	March 6	***Spring Break***	
10	March 13	**Harmonic Serialism**: McCarthy, John J. (2010). An Introduction to Harmonic Serialism. *Language and Linguistics Compass 4(10)*. 1001-1018 [PDF] Extra: McCarthy, John J. (2000) Harmonic Serialism and Parallelism. *Proceedings of NELS 30*. 24 pp. [PDF]	Shy
11	March 20	**Opacity (review)**: Baković, Eric (2007). A revised typology of opaque generalisations. *Phonology 24(2)*, 217-259. Cambridge University Press. [PDF] Extra: Baković, Eric (2017). Apparent 'sufficiently similar' degemination in Catalan is due to coalescence. *Proceedings of the 91st Annual Meeting of the LSA*. [PDF]	Karthik
12	March 27	**Harmonic Grammar**: Pater, Joe (2009). Weighted Constraints in Generative Linguistics. (32pp) [PDF] Extra: Enguehard, Emile and Flemming, Edward and Magri, Giorgio (2018). Statistical learning theory and linguistic typology: a learnability perspective on OTs strict domination. *Proceedings of the first annual meeting of the Society for Computation in Linguistics.* [PDF]	

Where do the constraints come from?

13	April 3	**MaxEnt Grammar**: Hayes, Bruce & Wilson, Colin (2008). A Maximum Entropy Model of Phonotactics and Phonotactic Learning. *Linguistic Inquiry 39(3)*. 379-440. [PDF]	Karthik

		Extra: Jäger, Gerhard (2003). Maximum Entropy Models and Stochastic Optimality Theory. *Architectures, rules and preferences: A Festschrift for Joan Bresnan.* [PDF]	
14	April 10	**MaxEnt Modelling**: Hayes, Bruce & Wilson, Colin (2008b). Maxent grammar tool. [software]	Karthik
		MaxEnt Modelling: Hayes, Bruce & Wilson, Colin (2008b). A maximum entropy model of phonotactics and phonotactic learning [software]	Karthik
15	April 17	**SSP maybe learnable**: Daland, Robert, Bruce Hayes, James White, Marc Garellek, Andrea Davis, & Ingrid Norrmann. 2011. Explaining sonority projection effects. *Phonology 28*.197-234. [PDF]	
		Maxent Issues: Hayes, Bruce & White, James. (2013). Phonological naturalness and phonotactic learning. *Linguistic Inquiry 44*, 45-75. [PDF]	Karthik
16	April 24	**P-Map**: Steriade, Donca. 2008. The phonology of perceptibility effects: the P-map and its consequences for constraint organization. *The Nature of the Word: Studies in Honor of Paul Kiparsky*, ed. by Kristin Hanson & Sharon Inkelas, 151-179. Cambridge, MA: MIT Press. [PDF]	
		Hayes, Bruce & White, James. (2013). Saltation and the P-map. *Phonology 32*, 267-302 [PDF]	Not sure. Replace with Stanton?