

The sound systems of Slavic and Danish


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DANISH AND SLAVIC SOUND SYSTEMS

- Russian 
- Bulgarian 
- Polish 
- Danish 


CONSONANTS: RUSSIAN

	<i>bilabial</i>	<i>labio-dental</i>	<i>dental / alveolar</i>	<i>postalv. / retroflex</i>	<i>palatal alveo-palatal</i>	<i>palatal</i>	<i>velar</i>	<i>suprafrar.</i>	<i>glottal</i>
<i>stops</i>	p p ^j b b ^j		t t ^j d d ^j				k k ^j g g ^j		
<i>fricatives / approximants</i>		f f ^j v v ^j	s s ^j z z ^j	ʂ ʐ	ɕ ʑ	j	x x ^j		
<i>affricates</i>			ʧ ʤ		ʧɕ ʤɕ				
<i>nasals</i>	m m ^j		n n ^j						
<i>laterals</i>			ɫ l ^j						
<i>vibrants</i>			r r ^j						
<i>semivowels</i>									


CONSONANTS: BULGARIAN

	<i>bilabial</i>	<i>labio-dental</i>	<i>dental / alveolar</i>	<i>postalv. / retroflex</i>	<i>palatal alveo-</i>	<i>palatal</i>	<i>velar</i>	<i>suprarar.</i>	<i>glottal</i>
<i>stops</i>	p p ^j b b ^j		t t ^j d d ^j				k k ^j g g ^j		
<i>fricatives / approximants</i>		f f ^j v v ^j	s s ^j z z ^j	ʃ ʒ		j	x x ^j		
<i>affricates</i>			ʦ ʦ ^j dʒ dʒ ^j		tʃ dʒ				
<i>nasals</i>	m m ^j		n n ^j				ŋ		
<i>laterals</i>			l l ^j						
<i>vibrants</i>			r r ^j						
<i>semivowels</i>									

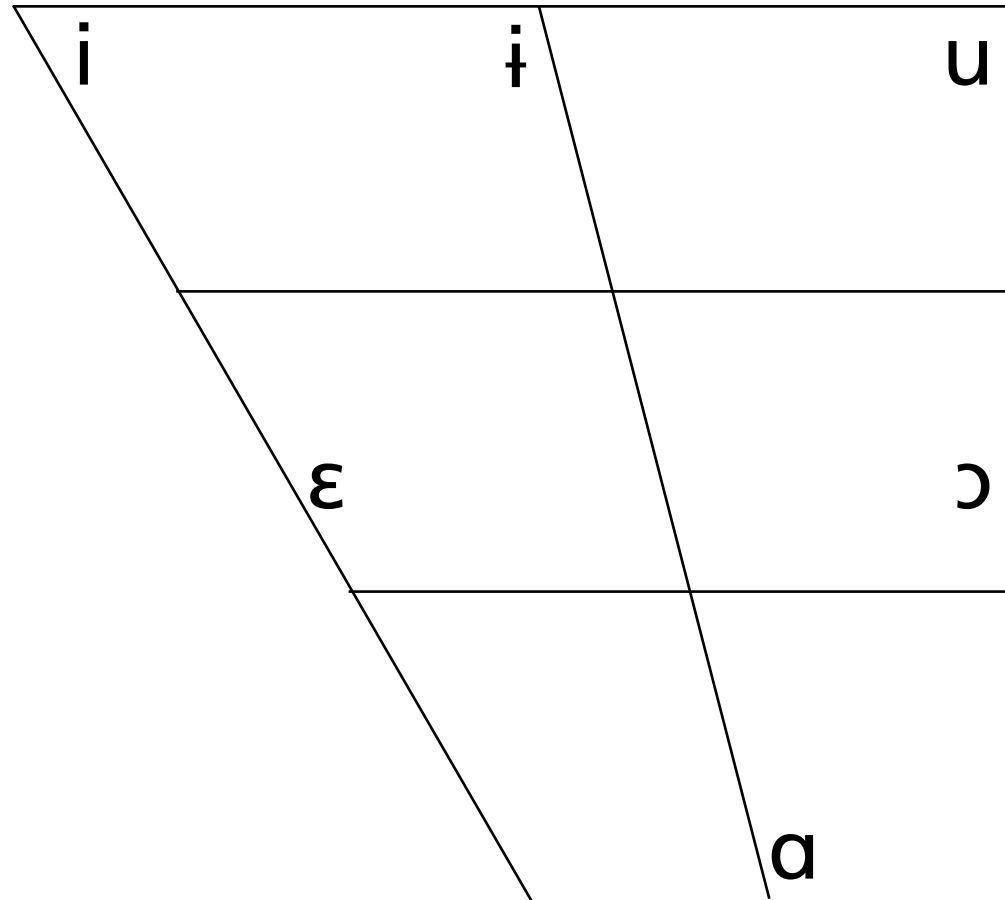
CONSONANTS: POLISH

	<i>bilabial</i>	<i>labio-dental</i>	<i>dental / alveolar</i>	<i>postalv. / retroflex</i>	<i>alveo-palatal</i>	<i>palatal</i>	<i>velar</i>	<i>suprafar.</i>	<i>glottal</i>
<i>stops</i>	p p ^j b b ^j		t t ^j d d ^j			ç ʃ	k g		
<i>fricatives / approximants</i>		f f ^j v v ^j	s z	ʂ ʐ	ç ʃ	ç j	x		
<i>affricates</i>			ʦ dʒ	tʂ dʐ	tɕ dʑ				
<i>nasals</i>	m m ^j		n			ɲ	ŋ		
<i>laterals</i>			l						
<i>vibrants</i>			r						
<i>semivowels</i>	ɯ								

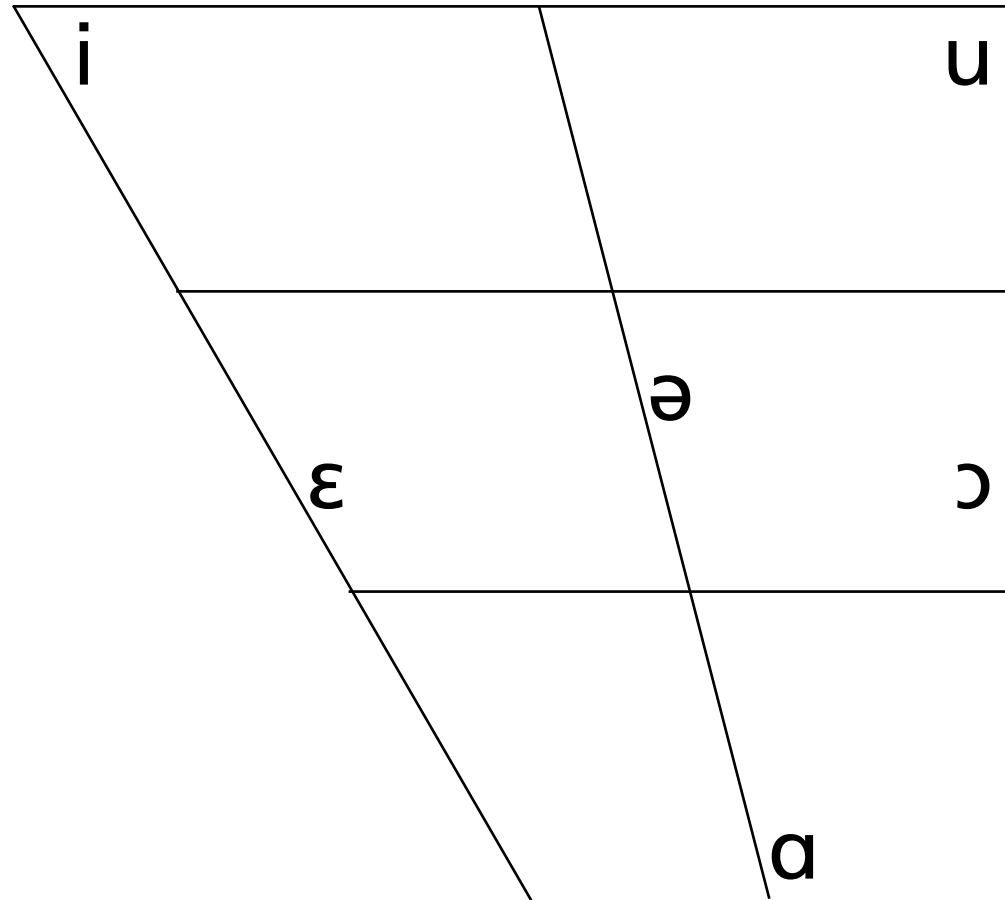
CONSONANTS: DANISH

	<i>bilabial</i>	<i>labio-dental</i>	<i>dental / alveolar</i>	<i>postalv. / retroflex</i>	<i>alveo-palatal</i>	<i>palatal</i>	<i>velar</i>	<i>suprarar.</i>	<i>glottal</i>
<i>stops</i>	p ^h b		t ^s d				k ^h g		
<i>fricatives / approximants</i>		f v	s		ʃ	j		ɣ	h
<i>affricates</i>					tʃ ^h dʃ				
<i>nasals</i>	m		n				ŋ		
<i>laterals</i>			l						
<i>vibrants</i>									
<i>semivowels</i>	ʁ		ø			ɹ		ə	

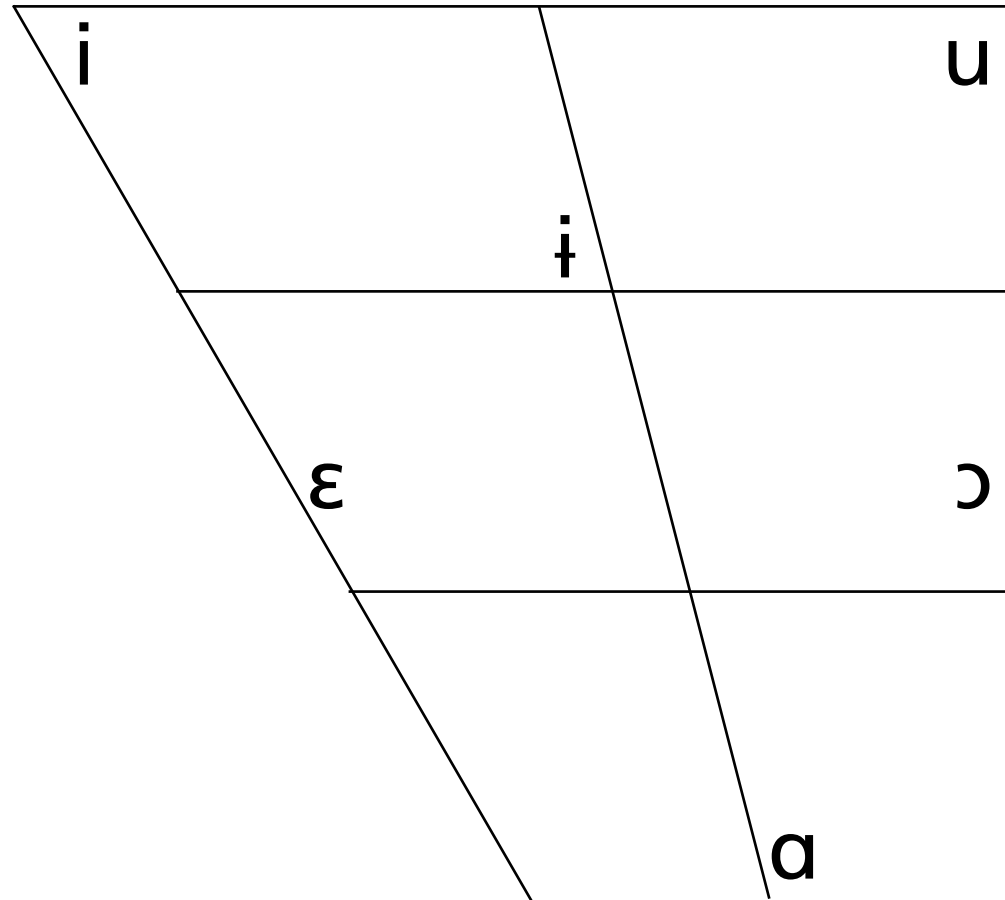
VOWELS: RUSSIAN



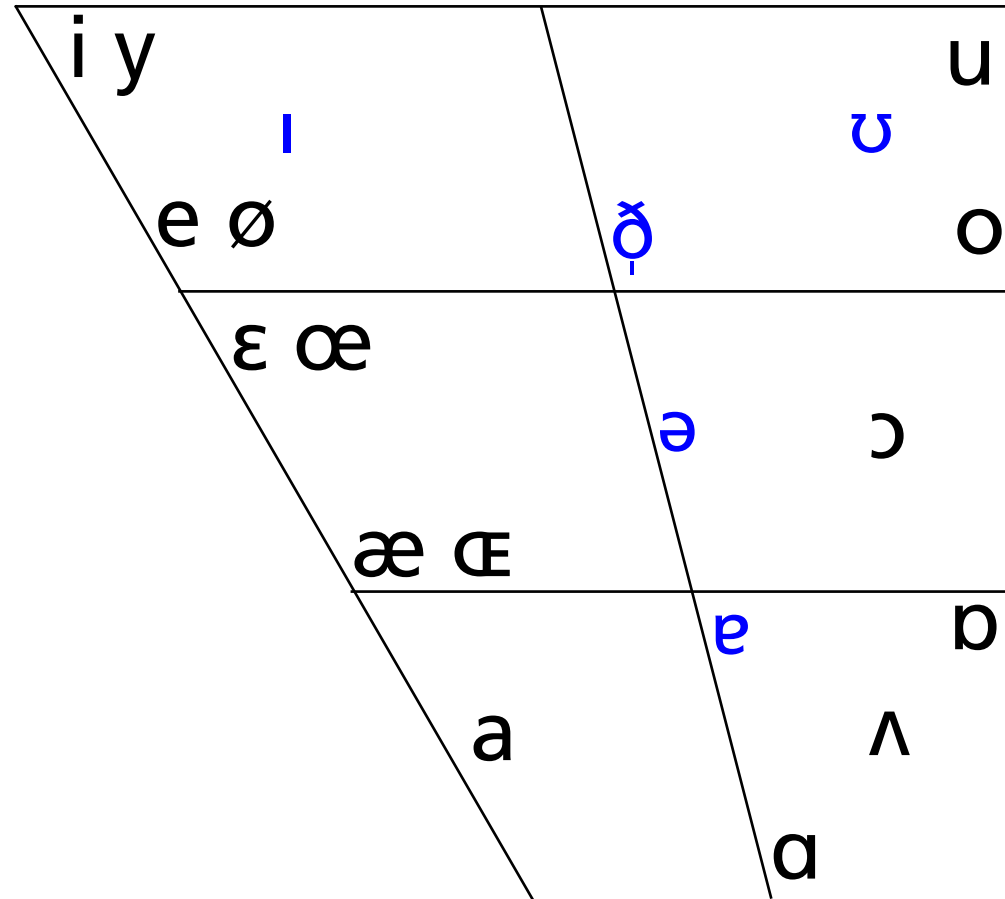
VOWELS: BULGARIAN



VOWELS: POLISH



VOWELS: DANISH



VOWELS: DANISH (2)



	<i>front</i>		<i>central</i>	<i>back</i>
	<i>-lab</i>	<i>+lab</i>		
<i>close</i>	i	y		u
<i>mid-close</i>	e	ø	ø̥	ʊ o
<i>mid</i>	ɛ	œ	ə	ɔ
<i>mid-open</i>	æ	ɶ	a	ɒ
<i>open</i>	a		a	ʌ

PROSODIC FEATURES

Russian:	free stress	no distinctive quantity	
Bulgarian:	free stress	no distinctive quantity	
Polish:	fixed stress	no distinctive quantity	
Danish:	(free stress)	distinctive quantity	<i>stød</i>

CONCLUDING QUESTION

When teaching the pronunciation of a foreign language, how would you prioritise these problems:

a segmental phonetics

b word prosody (accent, tones, *stød*)

c sentence intonation

DANISH PHONETICS: LITERATURE

Hans Basbøll, *The phonology of Danish*. Oxford / New York 2005.

Lars Brink et al., *Den store danske udtaleordbog*. København 1991.

Nina Grønnum, *Fonetik og fonologi. Almen og dansk*. København 1998. [3. udgave, 2005.]

Nina Grønnum, *Rødgrød med fløde: en lille bog om dansk fonetik*. København 2007.