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% 1. LOAD RUSSIAN INFLECTIONAL THEORY, SHOW PATH FILES FOR NOUNS/ADJS  
% TO SHOW NOUN THEOREMS, COMMENT OUT 'rusa9dec.dtr'; FOR ADJ THEOREMS  
% COMMENT OUT 'rusn9dec.dtr'  
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```
#load 'ch7_rusnoms.dtr'.  
%#load 'rusn9dec.dtr'. %comment out ' rusn9dec.dtr' or 'rusa9dec.dtr'  
#load 'rusa9dec.dtr'.  
#load 'hide_deriv.dtr'.
```

```
% % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % %  
%  
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% 2 MORPHOTACTIC GENERALIZATION NODES (see page 260)  
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```

```
SUFFIXATION:  
  <stem> == "<base stem 1>" "<deriv affix>".
```

```
PREFIXATION:  
  <stem> == "<deriv affix>" "<base stem>".
```

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3. MODIFIED LFTS WITH CONDITIONS ON AFFIX SELECTION

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3.1 MODIFIED PERSONAL NOUN LFT

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LFT_PERSON:

<> == NOUN
<gloss> == λx [<sem feature> (x) & "<base gloss>" (x)]
<sem feature> == person
<deriv sem feature> == person %transparency
<stem> == SUFFIXATION
% <deriv affix> == tel'. %replaced by conditional selection, see (39) on
page 272
<deriv affix> == LFT_PERSON_AFFIX:<"<base syn cat>" "<base syn
valence>">.

LFT_PERSON_AFFIX:

<v 2> == tel'
<n 1> == nik
% <adj 1> == ik %replaced to handle formal/morphological condition, page
273 (41)
<adj 1> == LFT_PERSON_AFFIX_DEADJ:<"<base deriv affix>">.

LFT_PERSON_AFFIX_DEADJ:

<ov> == ik
<n> == <ov>
<> == ec.

LFT_NOMINALIZATION:

<> == NOUN
<syn case_assign> == "<base syn case_assign>"
<gloss> == "<base syn sem feature>" "<base gloss>" <syn sem feature>
<stem> == SUFFIXATION
<deriv affix> == enij
<declensional_class> == N_IV:<mor>.

%
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%
% 5 CATEGORY PRESERVING NODES, DIMINUTIVE MODIFIED TO EXPRESS FORMAL
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% CONDITIONS
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LFT_CAT_PRESERVING:

<> == LEXEME
<syn> == "<base syn>"
<gloss> == "<sem feature>" "<base gloss>" %subsective semantics
<stem> == SUFFIXATION.

LFT_AUGMENTATIVE:

<> == LFT_CAT_PRESERVING
<sem feature> == big
<deriv affix> == ishch
<declensional_class> == N_IV:<mor>.

LFT_NEG_ADJ:

<> == LFT_HEAD_MARKING
<deriv affix> == ne
<sem feature> == not.

LFT_INTENSIFIER_ADJ:

<> == LFT_HEAD_MARKING
<deriv affix> == pre
<sem feature> == extremely.

LFT_HEAD_MARKING:

<> == LFT_CAT_PRESERVING

<mor> == "<deriv affix>" "<base mor>"
<stem> == PREFIXATION.

%
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%
%
% 5.1 MODIFIED DIMINUTIVE NODE PLUS ADDED AFFIX ASSIGNMENT NODES,
%
% SEE PAGES 274-75
%
%
%
%
%

LFT_DIMINUTIVE: %for modifications, see pages 274-275
<> == LFT_CAT_PRESERVING
<sem feature> == small
% <deriv affix> == k %replaced to express formal condition on affix
selection
<deriv affix> == LFT_DIM_AFFIX:<"<base mor formal gender>">
% <declensional_class> == N_II:<mor>. %replaced to express class as
assigned
<declensional_class> == LFT_DIM_CLASS:<"<base mor formal gender>">.

LFT_DIM_AFFIX:
<fem> == k
<neut> == c
<masc> == ik.

LFT_DIM_CLASS:
<fem> == N_II:<mor>
<neut> == N_IV:<mor>
<masc> == N_I:<mor>.

%
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% 6. SAMPLE LEXICAL ENTRIES
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%

Chitat':
 <> == VERB
 <gloss> == read
 <root all> == chit
 <stem> == <root all> a
 <syn valence> == 2. %overrides default at LEXEME

Chitatel':
 <> == LFT_PERSON
 <base> == "Chitat':<>".

Dobro:
 <> == NOUN
 <declensional_class> == N_IV:<mor>
 <gloss> == good_deed
 <root all> == dobr
 <index> == 2
 <mor pl> == undefined.

Dobrij:
 <> == LFT_QUAL_ADJ
 <base> == "Dobro:<>".

Predobrij:
 <> == LFT_INTENSIFIER_ADJ
 <base> == "Dobrij:<>".

Reshit':
 <> == VERB
 <gloss> == decide
 <root all> == resh
 <stem> == <root all>
 <syn case_assign> == instrumental.

Reshenijo:
 <> == LFT_NOMINALIZATION
 <base> == "Reshit':<>".

%Gramotnij:
% <> == ADJ %replaced by derived lexical entry Gramot-n-ij
% <gloss> == literate %inheriting from Gramota
% <stem> == gramotn.

%

Atom:

```
<> == NOUN
<declensional_class> == N_I:<mor>
<gloss> == atom
<root all> == atom.
```

Atomnik:

```
<> == LFT_PERSON
<base> == "Atom:<>".
```

Gorlo:

```
<> == NOUN
<declensional_class> == N_IV:<mor>
<gloss> == throat
<root all> == gorl
<sem feature> == undefined.
```

Gorlovoj:

```
<> == LFT_REL_ADJ
<base> == "Gorlo:<>".
```

Gorlovik:

```
<> == LFT_PERSON
<base> == "Gorlovoj:<>".
```

Avtor:

```
<> == NOUN
<sem feature> == person %implies gender, animacy, infl class
<gloss> == author
<root all> == avtor.
```

Avtorskij:

```
<> == LFT_REL_ADJ
<base> == "Avtor:<>".
```

Sezon:

```
<> == NOUN
<declensional_class> == N_I:<mor>
<gloss> == season
<root all> == sezon.
```

Sezonnij:

```
<> == LFT_ADJ
<base> == "Sezon:<base>"
```

<gloss> == LFT_REL_ADJ.

Sezonnik:

<> == LFT_PERSON

<base> == "Sezonnij:<>".

Chornij:

<> == ADJ

<gloss> == black

<root all> == chorn.

Chornec:

<> == LFT_PERSON

<base> == "Chornij:<>".

Skupoj:

<> == ADJ

<gloss> == stingy

<root all> == skup.

Skupec:

<> == LFT_PERSON

<base> == "Skupoj:<>".

Pobelit':

<> == VERB

<gloss> == whitewash

<root all> == pobel

<stem> == <root all>.

Domik:

<> == LFT_DIMINUTIVE

<base> == "Dom:<>".

Zoloto:

<> == NOUN

<declensional_class> == N_IV:<mor>

<gloss> == gold

<root all> == zolot.

Zolotco:

<> == LFT_DIMINUTIVE

<base> == "Zoloto:<>".

