

HEBREW VERB CRUNCHER

if 3 CONSONANTS

if NO GUTTURAL > REGULAR: STEP 1-4

if STEP 1 Qal

if preformative /I/(E) with or without *wa-*

if *wa-* with prefomative /I/(E)

if no doubling of 1 cons > *wayyiqtol* Qal

else with doubling of 1 cons >>> STEP 4 *wayyiqtol* Nifal

else *prefomative* /I/(E) PREF and no doubling of 1 cons

If no doubling of 1 cons

if volitive

if *yiqtol* plus /A/ ending > 1 Pers Sg/Pl cohortative

else *q^etol* i.e. (~~q~~)*qtol* without prefomative in 2 Pers > imperative 2PGN

else *yiqtol* Qal > PNG (allow for jussive function at clause level)

else doubling of 1 cons >>> STEP 4 *wayyiqtol* Nifal

elseif non-preformative

if /a-a/ vowels > *qatal*

elseif NG

if *qotel* > PTC ACT

else > PTC PASS

elseif no PNG

if *q^etol* > INF CS

else *qatol* no PNG > INF ABS

elseif STEP 2 Hifil

if preformative /A/ with or without *wa-*

if *wa-* with prefomative /A/ and /I/ stem > *wayyiqtol* Hifil

else prefomative /A/

if /A/ ending > 1PSg/Pl cohortative Hifil

elseif shortened /E/ stem *yiqtol* 2-3 PGN > jussive
else yiqtol > PGN
elseif non-preformative
if *hi-* plus stem and /I-I/A/ vowels *hiqtil* > *qatal*
elseif *maqtil* > PTC
elseif *haqtil* > IMP/INF CS
elseif *haqtel* > INF ABS
elseif rare /O/ vowels >>> *Hofal Paradigm*
elseif STEP 3 Piel
if middle consonant doubled
if rare Pual or Hitpael patterns
if *yit-/tit/nit/et-/hit-/mit-* > Hitpael paradigm
elseif /u/ vowel in stem > Pual paradigm
elseif preformative
if *wa-* with prefomative consonant > *wayyiqtol* Hifil
else preformative /^{e/a}/
if volitive
if *yiqtol* plus /A/ ending > 1 Pers Sg/Pl cohortative
else *qattel* (¢) *qattel* without prefomative > imperative 2PGN
else yiqtol Piel > PNG (allow for jussive function at clause level)
elseif non-preformative
if /I-E(A)/ vowels *qittel* > *qatal*
elseif *meqattel* > PTC
elseif *qattel* > INF CS/ABS
elseif STEP 4 Nifal
if preformative /I/ with or without *wa-* and doubling of 1 consonant
if *wa-* with prefomative /I/ > *wayyiqtol* Nifil
else prefomative /I/
if /A/ ending > 1PSg/Pl cohortative Nifal
else yiqtol > PGN

elseif non-preformative

if *ni-* plus stem and /I-A/ vowels *niqtal*

if verbal *PNG* > *qatal*

if nominal *NG* > *PTC*

elseif *hiqqatil* > INF CS

elseif *hiqqatel* > INF ABS

else *STEP 5*

if GUTTURAL and VOWEL CHANGE: STEP 5

if verbal endings /A/ changes > III'G

elseif PREF /A/ or /E/ vowels and secondary opening/lengthening > I'G

elseif no doubling middle consonant of *Piel*, *Pual* and *Hithpael* and /E/ or /A/ lengthening > II'G

else IRREGULAR

if HIGHLY IRREGULAR WAYYIQTOL: STEP 6

if accented preformative

if /I/ i.e. *wayyí-* (וַיִּבֶן) > III'h בנה 'build'

elseif /E/

if *wayyé-* (וַיִּגְלֶה) > III'h Hifil גלה 'uncover'

elseif *wayyé* followed by /ē/ or /a/ (וַיִּלְדֶּה) > I'w ילד 'give birth'

else consonantal cluster (וַיִּשְׁתֶּה) > III'h שתה 'drink'

elseif /A/

if *wayyá-* followed by /a/ (וַיַּעֲלֶה) > I'G & III'h Qal/Hifil עלה 'go up'

elseif *wayyā-*

if followed by /o/ (וַיָּשָׁב) > II'w שוב 'return' (pausal וַיָּשָׁב)

else וַיִּסָּב → II'Dob סבב 'go around' (rare)

elseif /O/

if *wayyô-* (וַיִּסֹּף) > I'w/y יסף 'add'

else *wayyô-* followed by 'alef (וַיֹּאמֶר/וַיִּקְרָא) > I'alef אמר 'say' (pausal וַיֹּאמֶר)

elseif unaccented preformative and doubled 1 consonant

if regular *yiqqatel* → Nifal (*way*)*yiqtol* STEP 4

elseif nun-assimilation (וַיִּתֵּן) > I' n נתן 'give'

elseif בַּיּוֹם > II' Dob סבב (rare)

elseif IRREGULAR VERB CLASS: STEP 7

if III irregular

if III' h ...

else III' alef ...

elseif I irregular

if I' n

if I w/y ...

else I' alef

elseif II irregular

if II' w/y ...

else II Doubled....

else search forms HIGHLY IRREGULAR

TEST VERB CRUNCHING ON ALL VERBS FROM GENESIS 1-3

Start exercises at http://bibleol.3bmoodle.dk/text/select_quiz?dir=GLI

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Prototyping Learning Technology in Word: Developing the Hebrew Verb Cruncher

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PU: Academic Teaching and Biblical Studies & Global Education and Research Technology

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