

Below are some numbers in Tibetan.

$\widehat{d}zig$	‘one’	$\widehat{d}zug\widehat{d}zig$	‘eleven’		
$\widehat{f}i$	‘four’	$\widehat{d}z\widehat{u}b\widehat{f}i$	‘fourteen’	$\widehat{f}ib\widehat{d}zu$	‘forty’
$\widehat{\eta}a$	‘five’	$\widehat{d}zu\widehat{\eta}a$	‘fifteen’	$\widehat{\eta}ab\widehat{d}zu$	‘fifty’
$\widehat{g}u$	‘nine’	$\widehat{d}zu\widehat{r}gu$	‘nineteen’	$\widehat{g}ub\widehat{d}zu$	‘ninety’
$\widehat{d}zu$	‘ten’				

Write a thorough, but concise, essay which explains the morphology and phonology of numeral formation in Tibetan. Make sure your essay justifies how complex numerals are formed, what the underlying representations are, and any phonological processes. You may present your formal analysis within a framework of ordered phonological rules, or within Optimality Theory. In either case, please make sure you are clear about the nature of the representations you assume, and please illustrate key points of your analysis with well-chosen derivation tables (for rule-based analyses) or tableaux (for OT-based analyses).

This assignment is due **in pdf format** to me on February 10, 2021 before class.