## Hyphenation Exception Log

Below is a list of words that TEX fails to hyphenate properly. This is the annual update; the list last appeared in Volume 7, No. 3, on page 145. Everything listed there is repeated here.

The first column gives results from TEX's \showhyphens{...}; entries in the second column are suitable for inclusion in a \hyphenation{...} list.

In most instances, inflected forms are not shown for nouns and verbs; note that all forms must be specified in a \hyphenation{...} list if they occur in your document.

Thanks to all who submitted entries to the list. Several of the suggestions demonstrated a lack of familiarity with some of the rules of the hyphenation algorithm, so here is a short reminder of the relevant idiosyncrasies. Hyphens will not be inserted before the second letter, nor after the third-from-last letter of a word; thus no word shorter than five letters will be hyphenated. (For the details, see *The TeXbook*, page 454.) This particular rule is violated in some of the words listed; however, if a word is hyphenated correctly by TeX except for "missing" hyphens at the beginning or end, it has not been included here.

Some other permissible hyphens have been omitted for reasons of style or clarity. While this is at least partly a matter of personal taste, an author should think of the reader when deciding whether or not to permit just one more break-point in some obscure or confusing word. There really are times when a bit of rewriting is preferable.

One other warning: Some words can be more than one part of speech, depending on context, and have different hyphenations; for example, 'analyses' can be either a verb or a plural noun. If such a word appears in this list, hyphens are shown only for the portions of the word that would be hyphenated the same regardless of usage. These words are marked with a '\*'; additional hyphenation points, if needed in your document, should be inserted with discretionary hyphens.

The reference used to check these hyphenations is Webster's Third New International Dictionary, Unabridged.

acad-e-my academy al-ge-brai-sche al-ge-brais-che anal-yse an-a-lyse anal-y-ses analy-ses \* anom-aly(ies) anomaly(ies) anti-nomy(ies) an-tin-o-my(ies) an-ti-rev-o-lu-tion-ary an-tirev-o-lu-tion-ary ap-pendix ap-pen-dix

as-ymp-tot-ic asymp-totic at-mos-phere at-mo-sphere ban-dleader band-leader Be-die-nung Be-di-enung be-hav-iour be-haviour bib-li-o-gra-phi-sche bib-li-ographis-che bi-dif-fer-en-tial bid-if-fer-en-tial biomath-e-mat-ics bio-math-e-mat-ics bor-no-log-i-cal bornolog-i-cal Brown-ian Brow-n-ian buzz-word buz-zword cart-wheel cartwheel cho-les-teric cholesteric columbia co-lum-bia con-gress congress Czecho-slo-va-kia Czechoslo-vakia data-base database data-path dat-a-p-ath de-fin-i-tive defini-tive democratism de-moc-ra-tism demos de-mos dis-trib-ute dis-tribute Dijk-stra Di-jk-stra du-op-o-list duopolist du-op-oly duopoly dy-namis-che dy-na-mi-sche eco-nom-ics eco-nomics econ-o-mist economist electro-mechan-i-cal elec-trome-chan-i-cal

elec-tromechanoa-cous-tic

electro-mechano-acoustic
En-glish Eng-lish
equiv-ari-ant equi-vari-ant
Eu-le-rian Euler-ian
ex-traor-di-nary ex-tra-or-di-nary
Febru-ary Feb-ru-ary
fermions fermi-ons
flowchart flow-chart

Forschungsin-sti-tut For-schungs-in-sti-tut
funk-t-sional funk-tsional
Gaus-sian Gauss-ian
ge-o-met-ric geo-met-ric
gnomon gno-mon
Greif-swald Greifs-wald

Greif-swald Grothen-dieck Grothendieck Grund-leh-ren Grundlehren Hamil-ton-ian Hamil-to-nian he-roes heroes Her-mit-ian Her-mi-tian hex-adec-i-mal hexa-dec-i-mal ho-lo-no-my holon-omy ho-mo-thetic ho-mo-th-etic idio-syn-crasy id-iosyn-crasy ignore-spaces ig-nores-paces in-fin-ite-ly in-finitely

pream-ble

pre-am-ble

in-finites-i-mal	${ m in} ext{-}{ m fin} ext{-}{ m i} ext{-}{ m tes} ext{-}{ m i} ext{-}{ m mal}$	preloaded	pre-loaded
in-fras-truc-ture	in-fra-struc-ture	pre-pro-ces-sor	pre-proces-sor
in-ter-dis-ci-plinary	in-ter-dis-ci-pli-nary	pro-cess	process
Japanese	Japan-ese	${\tt pseu-dod-if-fer-en-tial}$	pseu-do-dif-fer-en-tial
jeremi-ads	je-re-mi-ads	pseud-ofi-nite	pseu-do-fi-nite
Kadomt-sev	Kad-om-tsev	pseud-ofinitely	pseu-do-fi-nite-ly
Ko-rteweg	Kor-te-weg	pseud-o-forces	pseu-do-forces
Leg-en-dre	Le-gendre	pseu-doword	pseu-do-word
Le-ices-ter	Leices-ter	quadrat-ics	qua-drat-ics
Lip-s-chitz(ian)	Lip-schitz(-ian)	quasiequiv-a-lence	qua-si-equiv-a-lence
macroe-co-nomics	macro-eco-nomics	quasi-hy-ponor-mal	qua-si-hy-po-nor-mal
Manch-ester	Man-ches-ter	quasir-ad-i-cal	qua-si-rad-i-cal
manuscript	man-u-script	quasiresid-ual	qua-si-resid-ual
marginal	mar-gin-al	qua-sis-mooth	qua-si-smooth
Marko-vian	Mar-kov-ian	qua-sis-ta-tion-ary	qua-si-sta-tion-ary
Mas-sachusetts	Mass-a-chu-setts	qu-a-si-tri-an-gu-lar	qua-si-tri-an-gu-lar
met-a-lan-guage	meta-lan-guage	re-ar-range-ment	re-arrange-ment
mi-croe-co-nomics	micro-eco-nomics	Rie-man-nian	Rie-mann-ian
mi-crofiche	mi-cro-fiche	righ-teous(ness)	right-eous(-ness)
mis-ogamy	mi-sog-a-my	schedul-ing	sched-ul-ing
mod-elling	mod-el-ling	schot-tis-che	schot-tische
molecule	mol-e-cule	Schrodinger	Schro-ding-er
mo-noen-er-getic	mono-en-er-getic	Schwarzschild	Schwarz-schild
monopole	mono-pole	semidef-i-nite	semi-def-i-nite
monopoly	mo-nop-oly	semi-ho-mo-th-etic	semi-ho-mo-thet-ic
monos-pline	mono-spline	ser-vomech-a-nism	ser-vo-mech-anism
monos-trofic	mono-strofic	setup	set-up
mul-ti-pli-ca-ble	mul-ti-plic-able	severely	se-vere-ly
mul-tiuser	multi-user (better	solenoid	so-le-noid
mai clasei	with explicit hyphen)		spher-oid
ne-ofields	neo-fields	spheroid stan-dalone	stand-alone
Noethe-rian	Noe-ther-ian	statis-tics	sta-tis-tics
none-mer-gency nonequiv-ari-ance	non-emer-gency	stochas-tic	sto-chas-tic
nonequiv-ari-ance noneu-clidean	non-equi-vari-ance	Stokess-che	Stokes-sche
	non-euclid-ean	summable	sum-ma-ble
non-i-so-mor-phic	non-iso-mor-phic	tele-g-ra-pher	te-leg-ra-pher
nonpseu-do-com-pact	non-pseudo-com-pact	tech-nis-che	tech-ni-sche
non-s-mooth	non-smooth	ther-moe-las-tic	ther-mo-elas-tic
No-ord-wi-jk-er-hout	Noord-wijker-hout	times-tamp	time-stamp
oligopolist	oli-gop-o-list	ve-r-all-ge-mein-erte	ver-all-ge-mein-erte
oligopoly	oli-gop-oly	Verteilun-gen	Ver-tei-lun-gen
paradigm	par-a-digm	vs-pace	vspace
parabolic	par-a-bol-ic	Wahrschein-lichkeit-s-t	
parametrized	pa-ram-e-trized		-schein-lich-keits-the-o-rie
paramil-i-tary	para-mil-i-tary	waveg-uide	wave-guide
petroleum	pe-tro-le-um	whitesided	white-sided
phe-nomenon	phe-nom-e-non	whites-pace	white-space
Poincare	Poin-care	widespread	wide-spread
polyene	poly-ene	Winch-ester	Win-ches-ter
poly-go-niza-tion	polyg-on-i-za-tion	workhorse	work-horse
poroe-las-tic	poro-elas-tic	wraparound	wrap-around
postam-ble	post-am-ble	Yingy-ong Shuxue Jisuan	
Po-ten-tial-gle-ichung	Po-ten-tial-glei-chung	Ying-yong Shu-xue Ji-suan	
pream-ble	pre-am-ble		