

L 17 "Earth's rotation
 p3 L17 "where h is the depth"?
 L24 "width is 20 km"
 L25 "The tide with 14..."
 L33 "A spin-up of two years is required taking into account
 P4 L11 - this equation (and others on this page) need to be on their own
 line
 P5 L4 "better resolve"
 L10-15 - this could all be deleted, readers can look up the database construc-
 tion themselves if interested.
 L39 "The Figure 6" should be "Figure 6" with no article (and elsewhere)
 P6 L38 "there is also a velocity..."
 P7 L15 "at different contrasted"
 P8 L9 "vertical mixing" - I think you really mean vertical transport here as
 the discussion focuses on resolved vertical motions rather than parameterised
 vertical mixing.
 L26 - missing a "x" here in the number perhaps?
 L36 "and associated with the larger anomalies compared with the averaged
 annual cycle" - I don't understand what this means?
 P9 1 - "are observed ... 8 year period"
 L5 "from" "at the end"
 L6 "depression" to "cyclonic weather systems"
 L10 - the use of 'maximum' and 'small' is a bit confusing given the negative
 numbers. Perhaps 'steepest' and 'shallowest' could be used instead?
 L11 - I'm confused about the November year stuff
 L20 "low levels"
 L34 "4 km"
 P11 L4 "biogeo"
 L13 "into the Bay..."
 L15 "associated with" (and elsewhere)
 L16 "also reach deep mixed layer depth maxima"
 L20 "On the contrary,... had shallower mixed layer depth maxima ... re-
 duced"
 L21 ". These shallower mixed layers are related ..."
 L23 "recorded"
 L34 "autumn 2004"
 P11 L14 "warm winters"
 P12 L21 - delete comma
 Appendix A - I'm not suggesting you need to do anything for this paper,
 but I'd recommend preparing papers in some variation of Latex to avoid the
 slightly strange appearance of the equations that happens with Word.