mixing
et al
ocean
diffusivity
roughness
diapycnal
Oceanogr
bottom
vertical
mean
profiles
dissipation
internal
structure
diffusivities
height
values
m2
rate
global
RDM
TKE
function
topography
Phys
abyssal
topographic
observed
profile
TW
Kb
model
Wunsch
bathymetry
estimates
microstructure
inferred
Kr
St
Fig
turbulence
h0
deep
spatial
scale
boundary
based
decay
data
Polzin
heights
enhanced
observations
Hawaiian
processes
Res
rough
energy
depth
power
Ridge
circulation
Munk
Lumpkin
Geophys
Laurent
km
wave
Ocean
stratification
tide
field
regions
turbulent
100-m
488N
nonlinear
varying
Jayne
using
depths
range
density
consumption
spatially
large
distribution
work
near
neutral
within
topography-catalyzed
associated
consumed
regression
OCEANOGRAPHY
Toole
DECLOEDT
waves
intervals
tidal
constant
polynomial
predicted
obtained
used
Eq
maximum
water
parameterizations
JOURNAL
JSL01
LUTHER
Simmons
sources
scales
estimate
different
may
red
shows
FIG
PHYSICAL
MARCH
SS97
area
rates
Saenko
seafloor
simple
derived
greater
averaged
due
shown
Kunze
horizontal
Speer
VOLUME
tides
estimated
factor
confidence
parameterization
background
value
fit