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absorb (1)              - calculate spectra
activatebox (1)         - change the box that is being used
angleup (1)             - change the viewing angle to edge-on
arguments (1)           - list the arguments required for a command
arraystat (1)           - print statistics about the array values
axesscale (1)           - set the length of plotted coordinate axes
boxstat (1)             - print the physical parameters of a box
catbox (1)              - concatenate two boxes into a third
clearall (1)            - equivalent to clearrot, unloadall, and unmarkall
clearrot (1)            - resets the viewing angle down the z-axis
closeascii (1)          - close the currently open ascii file
closebinary (1)         - close the currently open binary file
colorbarlabel (1)       - place labels over the color bar
commands (1)            - list the possible commands
coolconstants (1)       - set the values of constants related to cool- ing
coolconstants (1)       - set the values of constants related to cooling
deletemacro (1)         - delete a macro
deletewin (1)           - delete a window
formconstants (1)       - set the constants related to star formation
framepoints (1)         - write x, y, and z projections to files
gasify (1)              - change dark matter into gas
gravsoft (1)            - set the gravitational softening for the dark matter
gravsoftgas (1)         - set the gravitational softening for the gas and stars
hard (1)                - make an X window dump (and send it to the printer)
help (1)                - display useful information about commands on the screen
hubble (1)              - add or remove the Hubble expansion in a box
hubble (1)              - extrapolate particle positions in a box
label (1)               - place a label in the plot
loadall (1)             - loads and sets the limits for box 0
loadbinary (1)          - load in data from a binary file
lumconstants (1)        - set the constants related to stellar lumino- sities
lumconstants (1)        - set the constants related to stellar luminosities
macro (1)               - execute a tipsy macro
makebox (1)             - make and load a box interactively
makemacro (1)           - make a macro interactively
markarray (1)           - mark particles according to their array values
markbox (1)             - mark the particles in a box
markgal (1)             - mark gas particles that are likely to be in galax- ies
markgal (1)             - mark gas particles that are likely to be in galaxies
markmass (1)            - mark particles according to their mass
markstat (1)            - print physical parameters of marked particles
moments (1)             - write the shape as a funtion of radius
neutralize (1)          - force the gas in cool dense areas to be neutral
oldreadascii (1)        - read an old format ascii file
openascii (1)           - open an ascii file
openbinary (1)          - open a binary file
pcenter (1)             - recenter a periodic box
plot (1)                - plot using current projection and zoom
pointsize (1)           - set the pointsize for plotted particles
printhelp (1)           - print useful information about commands on the printer
profile (1)             - write physical profiles as a funtion of radius
readarray (1)           - read an array from a file
readascii (1)           - read an ascii file
readmacro (1)           - read a macro file
readmark (1)            - read indices of marked particles from a file
readoldbin (1)          - read an old format binary file
readvector (1)          - read a vector
redshift (1)            - set the redshift and coordinate system
resetcolor (1)          - reset the colormap
rotate (1)              - rotate the viewing angle
rotationcurve (1)       - calculate the circular velocity rotation curve
ruler (1)               - find projected distance between two points
setbox (1)              - make and load a box from the command line
setsphere (1)           - make and load a spherical "box" from the command line
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shell (1)               - execute a system command
showaxes (1)            - turn axes display off or on
showboxes (1)           - turn display of box edges off or on
showdark (1)            - turn display of dark particles off or on
showgas (1)             - turn display of gas particles off or on
showstar (1)            - turn display of star particles off or on
showvec (1)             - turn display of particle vectors off or on
showvel (1)             - turn display of velocity vectors off or on
smooth (1)              - set parameters for smoothing
starhistory (1)         - write the distribution in age of stellar mass
template (1)            - description
tipsy (1)               - theoretical image processing system
unload (1)              - unload a box
unmarkall (1)           - unmark all particles
unmarkbox (1)           - unmark particles in a box
unzoom (1)              - reset zoom factor to 1
vcenter (1)             - subtract a velocity from all particles in a box
velocitydist (1)        - write the distribution of mass in circular velocity
velscale (1)            - scale the length of velocities or vectors
velsigma (1)            - write the bulk velocity and velocity dispersion averaged on shells
version (1)             - print the version number of tipsy
view (1)                - project and display current plot
viewall (1)             - plot particles according to particle type
viewarray (1)           - plot particles according to array values
viewgas (1)             - plot particles according to gas values
viewmag (1)             - plot particles according to velocity or vector magnitude
viewpot (1)             - plot particles according to gravitational poten- tial
viewpot (1)             - plot particles according to gravitational potential
viewrad (1)             - plot particles according to radial component of velocity or vector
viewstar (1)            - plot particles according to star properties
viscconstants (1)       - set the constants related to artifical viscosity
vista (1)               - make FITS images
whatis (1)              - print short description of a command
window (1)              - switch to an alternative viewing window
writebox (1)            - write particles in a box to a file
writeboxrot (1)         - write particles in a box to a file in the rotated coordinate syste
m
writemacro (1)          - write a macro to a file
writemark (1)           - write indices of marked particles to a file
xall (1)                - do an all plot projected along the y axis
xarray (1)              - do an array plot projected along the x axis
xgas (1)                - do a gas plot projected along the x axis
xmag (1)                - do a magnitude plot projected along the x axis
xpot (1)                - do a potential plot projected along the x axis
xrad (1)                - do a radial plot projected along the x axis
xray (1)                - make xray maps in different energy bands and write to FITS files
xrayload (1)            - read xray data
xstar (1)               - do a star plot projected along the x axis
xypoints (1)            - write the plotted x and y coordinates of the par- ticles
xypoints (1)            - write the plotted x and y coordinates of the particles
xyzpoints (1)           - write the x,y, and z coordinates of the parti- cles to a file
xyzpoints (1)           - write the x,y, and z coordinates of the particles to a file
yall (1)                - do an all plot projected along the y axis
yarray (1)              - do an array plot projected along the y axis
ygas (1)                - do a gas plot projected along the y axis
ymag (1)                - do a magnitude plot projected along the y axis
ypot (1)                - do a potential plot projected along the y axis
yrad (1)                - do a radial plot projected along the y axis
ystar (1)               - do a star plot projected along the y axis
zall (1)                - do an all plot projected along the y axis
zarray (1)              - do an array plot projected along the z axis
zgas (1)                - do a gas plot projected along the z axis
zmag (1)                - do a magnitude plot projected along the z axis
zoom (1)                - zoom by a factor around a point
zpot (1)                - do a potential plot projected along the z axis
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zrad (1)                 - do a radial plot projected along the z axis
zspace (1)               - move particles to redshift space in a box
zstar (1)                - do a star plot projected along the z axis
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