AIRBUS

ATOMOX

Release Note

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Edition :   6
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4.9.4

Applicable User Manual: v4.9.4

Modifications:

➢ Fixed a ray-tracing bug in very specific cases where rays bounced off cutters instead of passing through them.

➢ Added an option to average the environment over every day of a year or over all latitudes.

4.9.2P2

Applicable User Manual: v4.9.3

Modifications:

4.9.3

Applicable User Manual: v4.9.3

Modifications:

➢ A new atmosphere model is available. This is a user defined model where the atomic oxygen density and the temperature are constant and set by the user.

➢ Fixed bug when adding reversed shapes to groups

➢ Fixed a bug to avoid NaN values of equivalent angle when the shape is perpendicular to the velocity

4.9.2P1

Applicable User Manual: v4.9.2P1

Modifications:

➢ Computation of equivalent angle fixed

➢ Computations fixed for all negative sides when thermal velocity option is ON

➢ Wind velocity taken into account in the right direction

➢ Fixed unit of reaction rate (cm3/atom), expect a factor 10000 on the erosion in existing computation

➢ Allow the definition of groups in the meshing

➢ Provide the max values instead of the mean ones in the output file (atx.out)

4.9.2

Applicable User Manual: v4.9.1

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Minor features:

➢ Computation of the average velocity fixed

4.9.1

Applicable User Manual: v4.9.1

Major features:

➢ Atomox V3.2.32 migration to V4.9.1