

How to save in Word or PDF format, the projects created with the RACTT 5.5



To save your project outside the RACTT platform, you must follow the following steps:

Select the option:

- 1- Click on the button PRINT

The screenshot shows the RACTT 5.5 software interface. The top navigation bar includes 'Start', 'Select Modules', 'Contact Us', and 'Gustavo'. A left sidebar lists various physics topics, with 'Momentum analysis' selected. The main workspace displays a project titled 'Collision non perpendicular' with a 'Momentum analysis' section. A top menu bar contains options: 'New', 'Open', 'Save', 'Save as', 'Equation', 'ARC', 'Boards', and 'Print'. A hand cursor is pointing at the 'Print' button. Below the menu, there are two equations for velocity components (v1 and v2) and a table of variables for the collision analysis.

Equations:

$$v1 = \frac{M1 \cdot v1' \cdot \cos\alpha \cdot \text{sen}\beta' - M1 \cdot v1' \cdot \text{sen}\alpha \cdot \cos\beta' + M2 \cdot v2' \cdot \cos\alpha \cdot \text{sen}\alpha' - M2 \cdot v2' \cdot \text{sen}\alpha \cdot \cos\alpha'}{M1 \cdot \cos\alpha \cdot \text{sen}\beta - M1 \cdot \cos\beta \cdot \text{sen}\alpha}$$

$$v2 = \frac{M1 \cdot v1' \cdot \cos\beta \cdot \text{sen}\beta' - M1 \cdot v1' \cdot \text{sen}\beta \cdot \cos\beta' + M2 \cdot v2' \cdot \cos\beta \cdot \text{sen}\alpha' - M2 \cdot v2' \cdot \text{sen}\beta \cdot \cos\alpha'}{M2 \cdot \cos\alpha \cdot \text{sen}\beta - M2 \cdot \cos\beta \cdot \text{sen}\alpha}$$

Collision non perpendicular
Momentum analysis

Custom Name:

Variable		Unit	Action
Vehicle mass 1 in [kg]	[M1]	[kg]	↓ ↑
Vehicle mass 2 in [kg]	[M2]	[kg]	↓ ↑
Approach path angle of vehicle 1	[β]	[°]	↓ ↑
Approach path angle of vehicle 2	[α]	[°]	↓ ↑

On the right side, a panel shows a list of saved equations, with '4. Collision non perpendicular' selected and highlighted in red.

2- The following window opens.

The screenshot displays the RACTT 5.5 software interface. A 'Print Format' dialog box is open in the center, offering three output options: Pdf, Ms Word Document (.docx), and OpenOffice Writer Document (.odt). The background interface shows a 'Collision non perpendicular' momentum analysis screen. It includes a 'Custom Name' field and a table of variables for input.

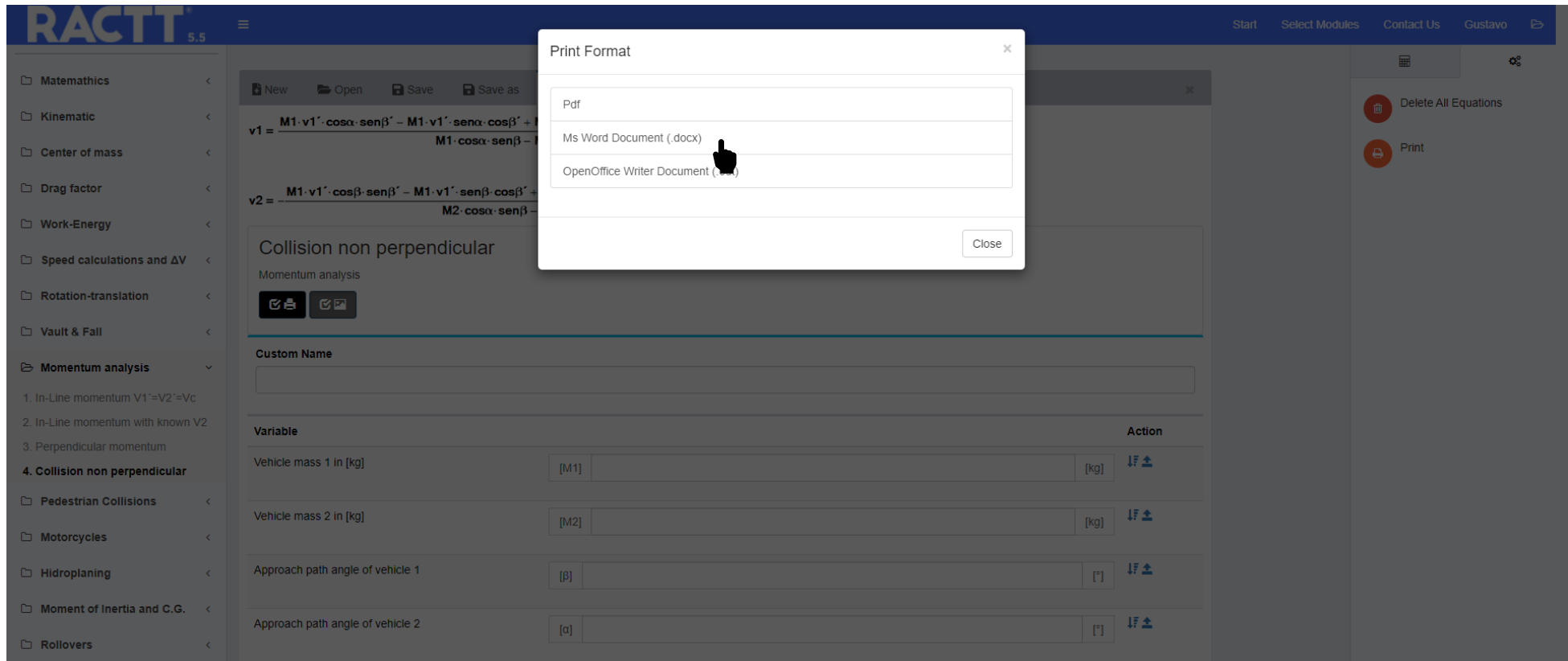
Variable	Action
Vehicle mass 1 in [kg]	[M1] [kg] ⬆️ ⬆️
Vehicle mass 2 in [kg]	[M2] [kg] ⬆️ ⬆️
Approach path angle of vehicle 1	[β] [°] ⬆️ ⬆️
Approach path angle of vehicle 2	[α] [°] ⬆️ ⬆️

3- In this new window, in which the RACTT will consult you on the type of format in which you want.

Export/print / save your project

- The first format is in PDF
- The second one is the most used, the WORD format with extension .docx
- And the third format is the OPEN OFFICE WRITER DOCUMENT with .odx extension

4- Choose the format in which you want to save the project outside the RACTT, for example Format WORD, click on the option and wait (this depends on the connection speed you have)



5- At the top right corner of the center window, and initially, a green bar appears (while loading the file). This same bar after a few seconds will turn orange and the legend **New Archive** will appear. Here we must click.

The screenshot shows the RACTT 5.5 software interface. The main window displays a 'Collision non perpendicular' analysis. At the top right of the window, there is an orange bar with the text 'New Archive' and a mouse cursor clicking on it. The interface includes a sidebar with navigation options, a top menu bar, and a main content area with equations and a data table.

Equations:

$$v1 = \frac{M1 \cdot v1' \cdot \cos\alpha \cdot \text{sen}\beta' - M1 \cdot v1' \cdot \text{sen}\alpha \cdot \cos\beta' + M2 \cdot v2' \cdot \cos\alpha \cdot \text{sen}\alpha' - M2 \cdot v2' \cdot \text{sen}\alpha \cdot \cos\alpha'}{M1 \cdot \cos\alpha \cdot \text{sen}\beta - M1 \cdot \cos\beta \cdot \text{sen}\alpha}$$

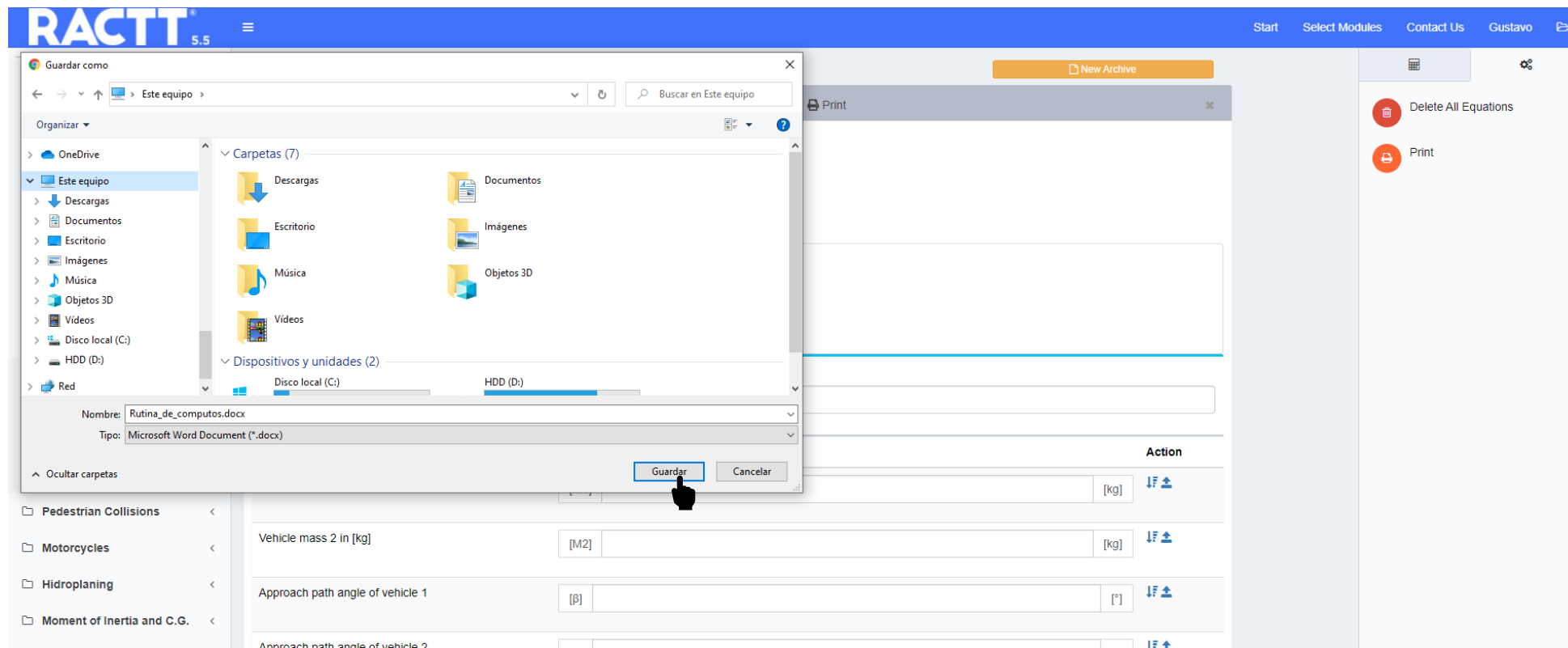
$$v2 = \frac{M1 \cdot v1' \cdot \cos\beta \cdot \text{sen}\beta' - M1 \cdot v1' \cdot \text{sen}\beta \cdot \cos\beta' + M2 \cdot v2' \cdot \cos\beta \cdot \text{sen}\alpha' - M2 \cdot v2' \cdot \text{sen}\beta \cdot \cos\alpha'}{M2 \cdot \cos\alpha \cdot \text{sen}\beta - M2 \cdot \cos\beta \cdot \text{sen}\alpha}$$

Collision non perpendicular
 Momentum analysis

Custom Name:

Variable		Unit	Action
Vehicle mass 1 in [kg]	<input type="text" value="[M1]"/>	[kg]	↓↑
Vehicle mass 2 in [kg]	<input type="text" value="[M2]"/>	[kg]	↓↑
Approach path angle of vehicle 1	<input type="text" value="[β]"/>	[°]	↓↑
Approach path angle of vehicle 2	<input type="text" value="[α]"/>	[°]	↓↑

6- When you have selected the **New Archive**, a screen will open where you can choose where to save the file. Select the destination folder and click **SAVE**.



7- You're ready to save and edit the project as you wish.

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