TI-Nspire™ Handheld Script

Adding and rotating a movable line (Tutorial D3)

http://www.atomiclearning.com/k12/en/movie/33173/play_window?type=Tutorial&sid=1670

[00:00:00.00]
You can create and adjust a movable line using a plot based on
data you've entered. I'll create a new page by pressing the Home

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key, and then choosing Lists & Spreadsheet. You can make menu
selections by either pressing the corresponding number, or by

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using the NavPad and Click key. I'll enter some x-coordinate data,
pressing the down arrow key, or the Enter key after each value.

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I'll enter 5, 8, 12, and 22 in Column A. Next, I'll name the column
by pressing the up arrow key until I've highlighted the cell next

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to the letter A at the top of Column A. I'll call this column
"xs" by typing x-s, and then pressing the Enter key. Now I'll enter

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some corresponding y-coordinate data by pressing the right arrow
key, and then the down arrow key to move to cell B1. Next I'll

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enter 4, 9, 14, and 24. I'll name the column by pressing the up
arrow key until I've highlighted the cell next to the letter B

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at the top of Column B, and I'll call this column "ys" by typing
y-s, and then pressing the Enter key. I'll press the Home key

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and choose Data & Statistics. I want to plot the "xs" data on
the x-axis, and the "ys" data on the y-axis. So I'll use the NavPad

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to roll over the rectangle at the bottom of the screen, and then
press the Click key. From the menu that pops up, I'll choose "xs"

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and then I'll press the Enter key to select it. Now I'll use the
NavPad to roll over the rectangle on the left side of the screen,

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and then press the Click key. From the menu that pops up, I'll
choose "ys," and then press the Enter key to select it. I can

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create a movable line to run through my new data points by pressing
the Menu key, choosing Actions, and then Add Movable Line. I can

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see the line appear, and an equation for the line. I'll adjust
the line by using the NavPad to roll over the line, and then pressing

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and holding the Click key to grab it. Now I can use the arrow
keys to adjust the line. Notice that the equation for the line

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changes as I drag the line around. Once I'm done adjusting the
movable line, I can just press the Click key again to release

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it.

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