

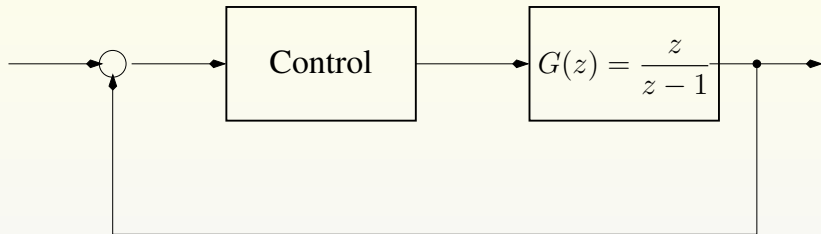
Embedding Maths in Xfig

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Talk to a Teacher Project
<http://spoken-tutorial.org>
National Mission on Education through ICT
<http://www.sakshat.ac.in>
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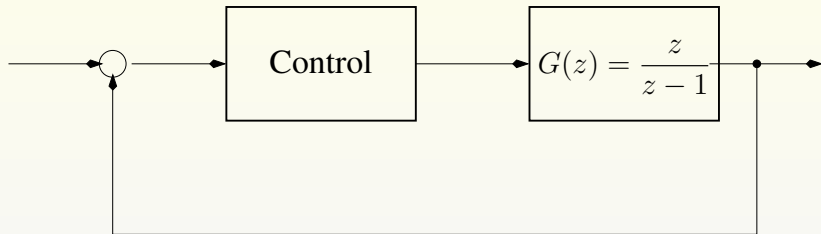
Will Explain how to Create this Figure



- Observe the mathematical expression in the second block



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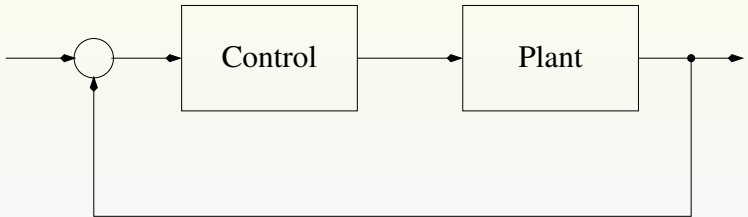


- ▶ Observe the mathematical expression in the second block
- ▶ You can embed any mathematical expression after learning this tutorial



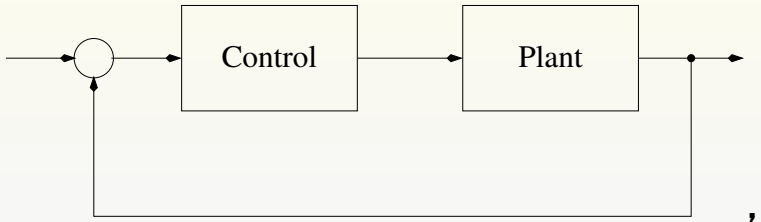
Pre-requisite: Feedback Spoken Tutorial

- ▶ We shall create the figure in the previous slide, starting from



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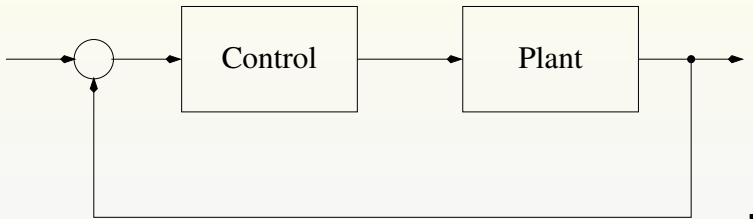


- ▶ which was created in the spoken tutorial on Feedback Diagrams through Xfig



Pre-requisite: Feedback Spoken Tutorial

- ▶ We shall create the figure in the previous slide, starting from



- ▶ which was created in the spoken tutorial on **Feedback Diagrams through Xfig**
- ▶ **You should learn this tutorial before starting the current one**



Required Software

- I am using Xfig, Version 3.2, patch level 5



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- ▶ You also need \LaTeX , and a familiarity with it



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- ▶ You also need image cropping software
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 - ▶ We will cover it in this tutorial
 - ▶ Briss is said to work on Windows also, but not covered in this tutorial



Let us go to Xfig



Briss: Another Pdffcrop Software

- ▶ The software briss can also be used to crop the white space



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- ▶ I have checked its working in Mac OS X
- ▶ **But we will not demonstrate it here**



We have an Assignment for you

- **Make the diagram created in this tutorial more symmetric and beautiful**



We have an Assignment for you

- ▶ Make the diagram created in this tutorial more symmetric and beautiful
- ▶ Try out different mathematical expressions



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- ▶ Try out other options, such as flip and rotate, not covered in the spoken tutorial



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- ▶ Explore the library



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- ▶ Try to build different diagrams
- ▶ Explore the library
- ▶ Do an internet search and locate information relevant to Xfig



Relevant Learning Material

- ▶ Useful learning material is available at <http://spoken-tutorial.org>
- ▶ The concept of spoken tutorials is explained in **What is a Spoken Tutorial**
- ▶ You may learn \LaTeX using the spoken tutorials available here
- ▶ The tutorial on **Mathematical Typesetting** explains how to create maths in \LaTeX
- ▶ The tutorial on **Tables and Figures** explains how to place figures, of the type created in this tutorial, into documents
- ▶ This website has a lot of useful information, including, Xfig tutorials



Funding Support

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- ▶ More information on this mission is available at <http://spoken-tutorial.org/NMEICT-Intro>



Welcome your Participation/Feedback

- We welcome your participation and also feedback



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- ▶ Thanks for joining

