
Presentation Technique: The Good, the Bad, and the Downright Deplorable

Lecture 5

22.033/22.33 – Nuclear Engineering Design Project
September 28, 2011

Outline (Have One!)

Background

Presentation Style

How to Make Effective Slides

Don't Do This!

What's Wrong Here?

How to Fix Common Problems

Conclusion

Background

Making effective presentations can be easy!

- There are many pitfalls scientists & engineers tend to fall into
 - Slides of text
 - Animations
 - Readability

Follow these tips for more successful presentations!

Presentation Style

How do you spot a social engineer in the crowd?

Presentation Style

Look at the audience. All of them!

- Avoid the board when possible

Keep your speed constant

- Keep it understandable, but not boring

Dress up... a bit

- 22.ThG seminar students used to fail for not dressing up!

Making Effective Slides



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Not too much info per slide

- A few bullets
- Avoid long sentences

Use white space to

- Guide the audience
- Make it easier on the eyes

Use alignment features.

They look good!

Don't Do This!

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

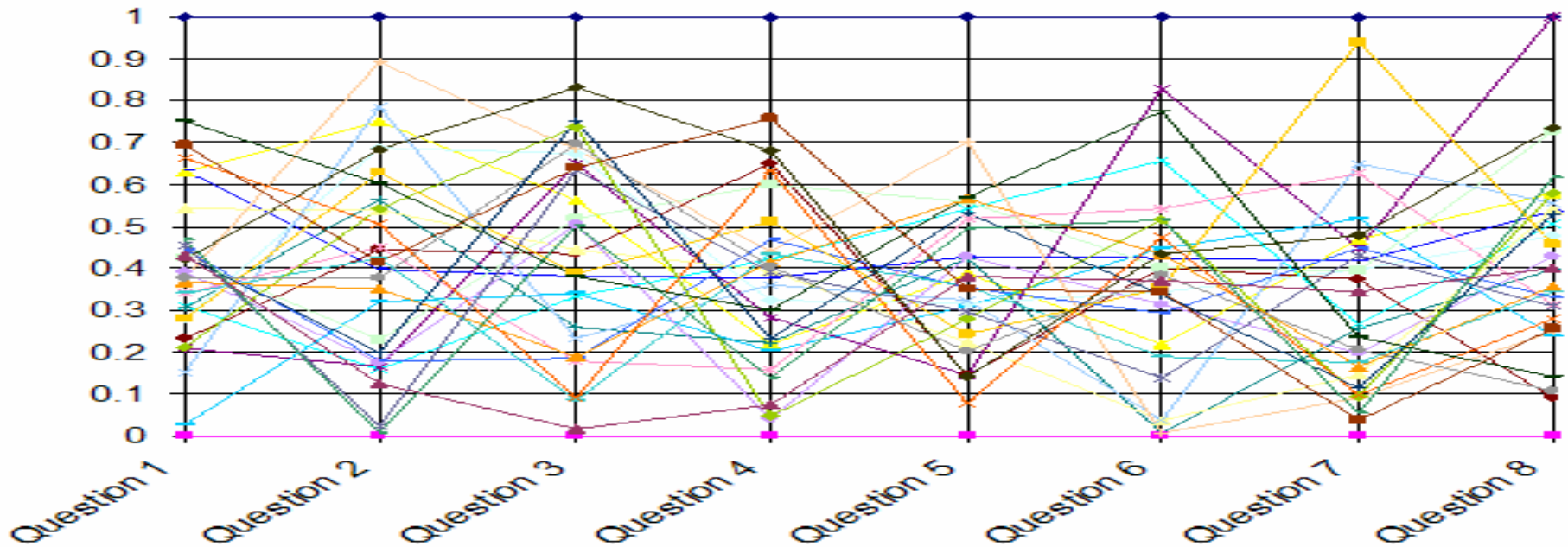
Don't Do This!

- Here is the first bullet
- Here is the second bullet
- Here is the third bullet
- Here is the fourth bullet
- *Here is the fifth bullet. It is fancy and shouldn't be.*



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What's Wrong Here?



What's Wrong Here?

Grease Compatibility Chart												
	Aluminum Complex	Barium Complex	Calcium Stearate	Calcium 12-Hydroxystearate	Calcium Complex	Calcium Sulfonate	Bentonite Clay	Lithium Stearate	Lithium 12-Hydroxystearate	Lithium Complex	Polyurea (Conventional)	Polyurea (Shear Stable)
Aluminum Complex	-	I	I	C	I	B	I	I	I	C	I	C
Barium Complex	I	-	I	C	I	C	I	I	I	I	I	B
Calcium Stearate	I	I	-	C	I	C	C	C	B	C	I	C
Calcium 12-Hydroxystearate	C	C	C	-	B	B	C	C	C	C	I	C
Calcium Complex	I	I	I	B	-	I	I	I	I	C	C	C
Calcium Sulfonate	B	C	C	B	I	-	I	B	B	C	I	C
Bentonite Clay	I	I	C	C	I	I	-	I	I	I	I	B
Lithium Stearate	I	I	C	C	I	B	I	-	C	C	I	C
Lithium 12-Hydroxystearate	I	I	B	C	I	B	I	C	-	C	I	C
Lithium Complex	C	I	C	C	C	C	I	C	C	-	I	C
Polyurea (Conventional)	I	I	I	I	C	I	I	I	I	I	-	C
Polyurea (Shear Stable)	C	B	C	C	C	C	C	C	C	C	C	-

Courtesy of Noria Corporation and Machinery Lubrication. Used with permission.

What's Wrong Here?

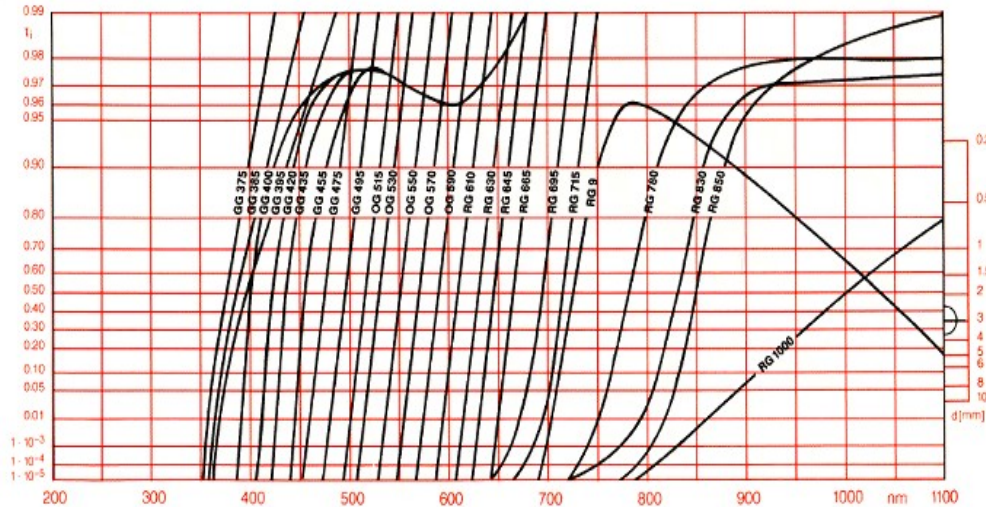
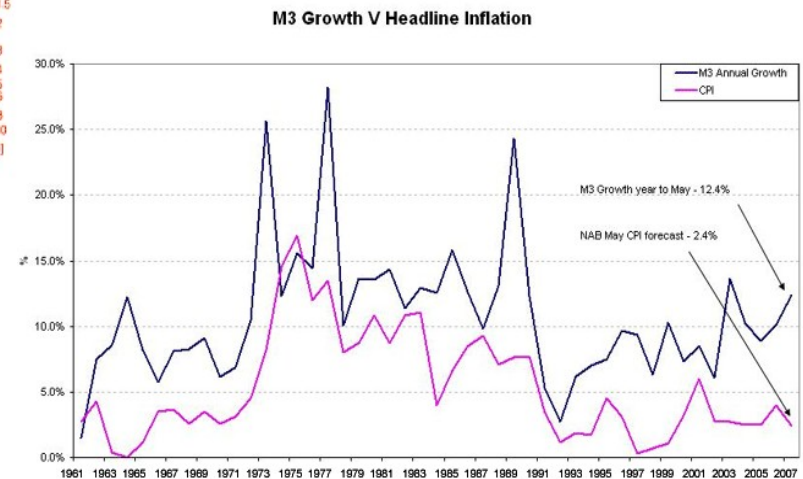


Figure 1b shows the growth in headline inflation

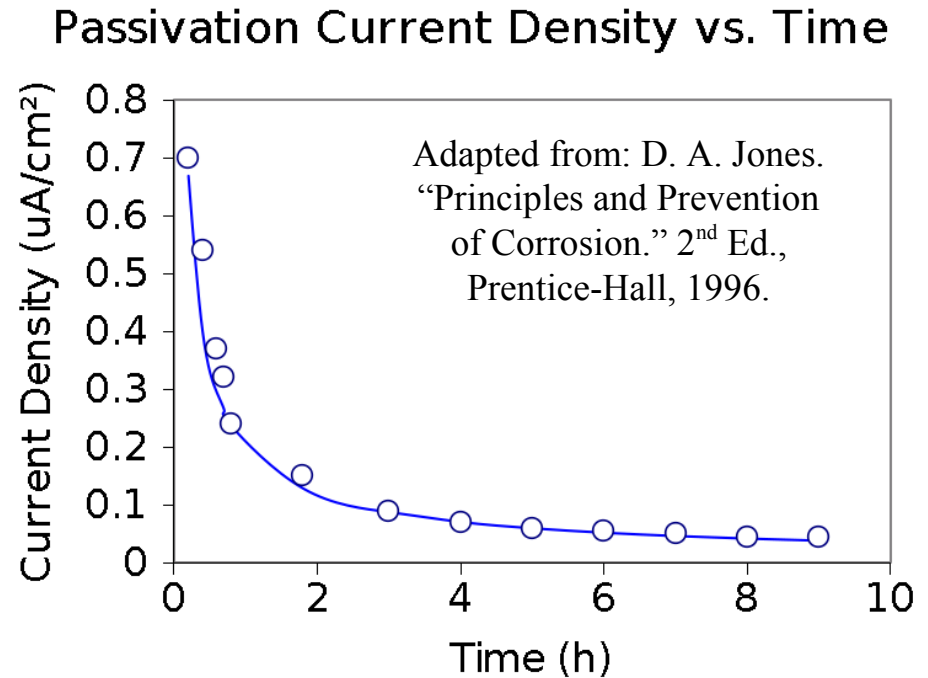
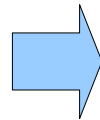
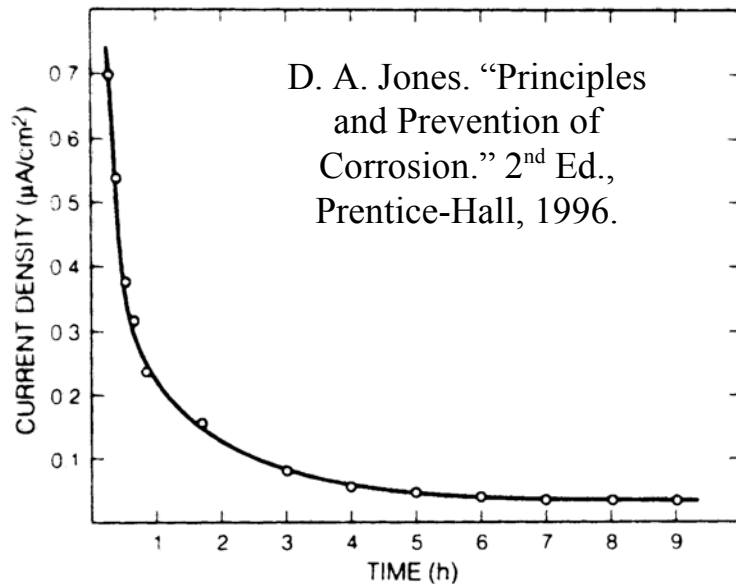
Figure 1a shows the average standard deviation of theta



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Fixing Common Problems - Graphs

Don't be afraid to remake a graph from its data
Keep the pixel aspect ratio correct!



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References!

Reference graphs, data and facts if:

- It's not general knowledge for your audience
- You didn't make it
- You aren't theorizing it

When in doubt, reference. It can't hurt!

Conclusions

Good luck!

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