
ITAMS

Applied Microcontroller Systems



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1.1 Lektion 06-11-2017

Problem 1.1.1 (Noter). *Find summen* $\frac{1}{1 \cdot 3} + \frac{1}{3 \cdot 5}$

Example 1.1.1 (Master Handbook Of Acoustics). *1.2*
 $1 + 1 = 2$

Inkludering af MATLAB

1) This inline demo `for i=1:3, disp('cool'); end;` uses the `\mcode{}` command.

2) The following is a block using the `lstlisting` environment.

```
1 for i = 1:3
2 if i ≥ 5 && a ≠ b           % literate programming replacement
3 disp('cool');               % comment with some  $\TeX$  in it:  $\pi x^2$ 
4 end
5 [:,ind] = max(vec);
6 x_last = x(1,end) - 1;
7 v(end);
8 really really long really really long really really ...
   long really really long really really long line % ...
   blaahaaaaaa
9 ylabel('Voltage ( $\mu V$ )');
10 end
```

Note: Here, the package was loaded with the `framed`, `numbered`, `autolinebreaks` and `useliterate` options. Please see the top of `mcode.sty` for a detailed explanation of these options.