	Wednesday, February 17, 2021 9:54 AM
	1.1 Linear Syslems
	$\begin{array}{c} Q_{11} \times_1 + Q_{12} \times_2 + + Q_{11} \times_1 = b_1 \\ Q_{11} \times_1 + Q_{12} \times_2 + + Q_{11} \times_1 = b_1 \\ Q_{11} \times_1 + Q_{12} \times_2 + + Q_{11} \times_1 = b_1 \\ \end{array}$ $\begin{array}{c} u_1 w & u_2 w & w_3 & w_4 & w_4 & w_5 & w_5 & w_6 \\ Q_{11} \times_1 + Q_{12} \times_2 + + Q_{11} \times_1 = b_1 \\ \end{array}$ $\begin{array}{c} u_1 w & w_2 w & w_3 & w_4 & w_6 & w_6 & w_6 \\ \end{array}$ $\begin{array}{c} u_1 w & w_1 & w_2 & w_3 & w_6 & w_6 & w_6 \\ \end{array}$ $\begin{array}{c} u_1 w & w_1 & w_2 & w_3 & w_6 & w_6 & w_6 \\ \end{array}$ $\begin{array}{c} u_1 w & w_1 & w_2 & w_6 & w_6 & w_6 & w_6 \\ \end{array}$ $\begin{array}{c} u_1 w & w_1 & w_2 & w_6 & w_6 & w_6 & w_6 \\ \end{array}$ $\begin{array}{c} u_1 w & w_1 & w_2 & w_6 & w_6 & w_6 & w_6 \\ \end{array}$ $\begin{array}{c} u_1 w & w_1 & w_2 & w_6 & w_6 & w_6 & w_6 \\ \end{array}$
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\setminus	Remark! Any mxn-system either has no soludion
	consistent. Or [exactly one solution.] or [infinite#] solution.
	Def: An mxn-system is colled inconsistent if it has no solutions. It is colled consistent
	if it has solutions) one or infinite solutions.
	mxn-system: Can be written as
	augmented matrix. augmented matrix. augmented matrix. augmented matrix.
	a a b mn b
	1 /an an coofficient matrix.





