

GLOSSARIY

[illegible]

Upper triangle Matrix	yuqori uchburchakli matritsa	$\begin{pmatrix} a_{11} & a_{12} & \dots & a_{1n} \\ 0 & a_{22} & \dots & a_{2n} \\ 0 & \dots & \dots & \dots \\ 0 & 0 & \dots & a_{nn} \end{pmatrix}$ ko'rinishdagi matritsaga aytiladi.
Bellow triangle Matrix	Quyi uchburchakli matritsa	$\begin{pmatrix} a_{11} & 0 & \dots & 0 \\ a_{21} & a_{22} & \dots & 0 \\ \dots & \dots & \dots & \dots \\ a_{n1} & a_{n2} & \dots & a_{nn} \end{pmatrix}$ ko'rinishdagi matritsaga aytiladi.
Diagonal Matrix	diagonal matritsa;	$\begin{pmatrix} a_{11} & 0 & \dots & 0 \\ 0 & a_{22} & \dots & 0 \\ \dots & \dots & \dots & \dots \\ 0 & 0 & \dots & a_{nn} \end{pmatrix}$ ko'rinishdagi matritsaga aytiladi.
Unitary Matrix	birlik matritsa.	$\begin{pmatrix} 1 & 0 & \dots & 0 \\ 0 & 1 & \dots & 0 \\ \dots & \dots & \dots & \dots \\ 0 & 0 & \dots & 1 \end{pmatrix} = E$ ko'rinishdagi matritsaga aytiladi.

Terms	Atamalar	Izoh
Linear equation	Chiziqli tenglama	Barcha noma'lumlarining darajasi birdan katta bo'lmagan tenglamaga chiziqli tenglama deyiladi.

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		tuzilgan $A = \begin{pmatrix} a_{11} & a_{12} & \dots & a_{1n} \\ a_{21} & a_{22} & \dots & a_{2n} \\ \dots & \dots & \dots & \dots \\ a_{m1} & a_{m2} & \dots & a_{mn} \end{pmatrix}$ matritsa (1) ning asosiy matritsasi
Fundamental system of roots of LSE	CHTSning fundamental yechimlar sistemasi	F^n arifmetik vektor fazoning W qism fazosining bazisini tashkil etuvchi istalgan vektorlar sistemasi (1^1) sistemaning fundamental (asosiy) yechimlari sistemasi deyiladi.