Medanische Schringunger:

Lo harmon. Schaingunger, e.h. Feder scheingung

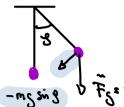
Federkraft (rückteibend)

$$\ddot{X} + \frac{w}{k} \times = 0$$

[wo mit Eigenfrequent wo = fx

Mathematische à Physilalische Penchel:

Mak. Perdel



$$3 + \frac{2}{5} = 0$$
 with $w = \sqrt{\frac{2}{5}}$ $\frac{2}{5} + \frac{2}{5}$ $\frac{2}{5} + \frac{2}{5}$

1
$$\frac{1}{2}$$
 Dedmond $\frac{1}{2}$ $\frac{1}$

D=-dmgsing &-dmgg

$$\ddot{\mathcal{G}} + \frac{m_{\mathcal{G}}}{T_{\mathcal{A}}} \mathcal{G} = 0 \quad \text{mid} \quad w_0 = \sqrt{\frac{m_{\mathcal{G}}}{T_{\mathcal{A}}}}$$

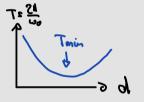
$$= \sqrt{\frac{3^{1/2}}{3^{1/2}}}$$

A,B Anlonghediguyu

Wown jelt *? lineans Knyl ges.

Lsg: 9(+1 = A sin (wot + 80)

Vorlesung 23



np-line: Id=ml2

Low sys - nul look

Belandly mit kompleson Robben:

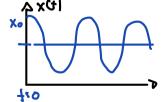
Sarile Saurigupyl. mil 2 = x + ig

Ansak: 2(4) = 20 eint [2] 2(4) = 20 eint + 20 eint en

¿(+=0)=0=iwoto-iwoto (2)

Anlarybed. für ausleder & losleren:

₹(+:0) = x0 = & + €# (1)



(2): 20 = 25 ER (V): Xe= 50 = 2 f(1) c X(+) = xo (6, my + 6, mpt) z xo (00 (00+) 2003 (Wat)