Stevan Major 14te Malhe HU am 08.11.22 Bsp's 4.29) , 4,25)b, 4,29a)  $4.29 \ 1$  [foos) 9005  $0 = 900 - 900 = 200 \ m = 9 = 4.14 \ m = 0.024 \ m/s$ 2 D Dm Shervall I 4005; Soos) nimmed de miller Geschwindigheil ale. 3) A(200/8), B(sec/2) m= \frac{2-8}{500-209} = \frac{-6}{300} = \frac{-0.02 m/s}{300} = \frac{-0.02 m/s}{4}. Sie ist negativ also lad the graph of en deuch schuttlich 0,02 m/s langemen. 4) A: Die Monenton: beschleunissens bein that Zeit punkt 600 s in O. 4.25)b) B(4) = -512 [1,35; 3,55] A(1,5/-11,25), B(3,5/-61,25) = - 25 m/s 1: Die mitt Dere Gosch wundig hort im Intervall [1,55; 3,55) 2) Ao = 1,55 hetraigh - 25m/s.  $h(t) = \lim_{\delta x \to 0} \frac{h(t+st) - h(t)}{\delta t}$ =5 (++st)2 + st2 h(+)=-5+2 -812-10+0+-50+2+812-10+0+=0+2=0+(-10+-50+ h(1/5) = -10 - 1/5 = -15 ms h(1)' = -10t - 55tA: Die Momentangesahweindufheit of -20

Lim 1 - 10t - 55t = -10t = #h(t)'

A: Die Momentangesahweindufheit of -20 am Antong des Ontervalls betragt - 15ms.

14te Malle Ha om 08.11.22 van Stavan Wajic Coeiler  $(2 \text{ fin} - 2 \leq \times \angle 1)$   $(4.2 \text{ fin}) = \{ 2 \text{ fin} - 2 \leq \times \angle 1 \}$   $(4.2 \text{ fin}) = \{ \times -1 \text{ fin} \ 1 \leq \times \angle 6 \}$ B(6/5)= k= 5-6=1 \$(1) = 1-1:0: A(1/0), 1 f(6) = 5 B(1/2)= k= 2-2 =0 f(-2)= 2 Pay YA (-212), f(1)=2 12345618910 X