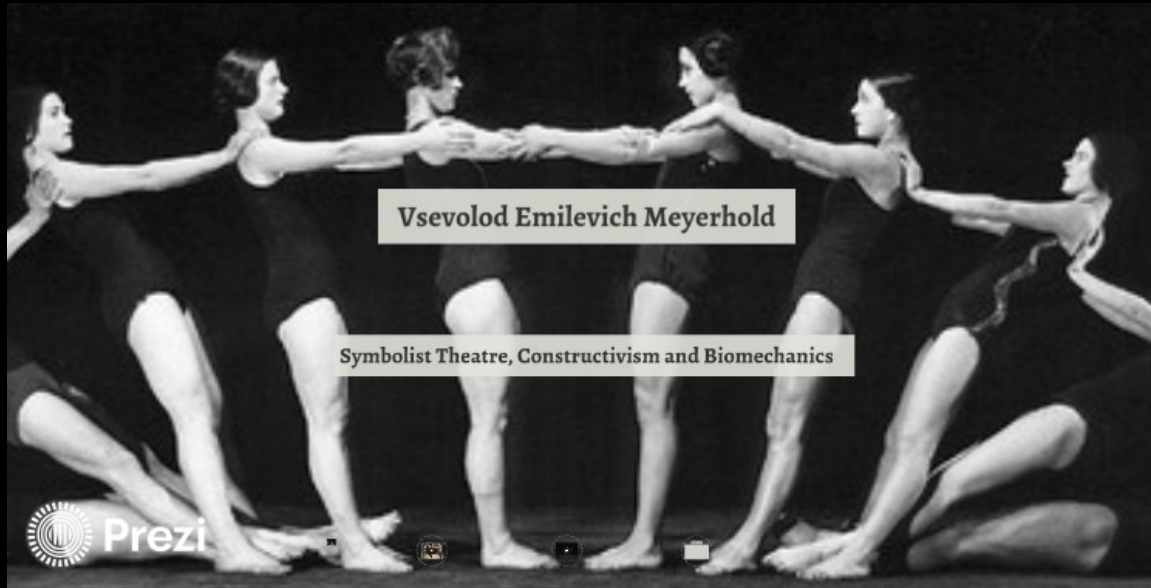




METODY ANALÝZY POHYBU

ANALYZA TECHNIKY



<https://prezi.com/8o1uzq8digoo/vsevolod-emilevich-meyerhold/>

**THE BIOMECHANICS OF
GUITAR PLAYING**
An injury prevention guide
Joaquín Fariás Ph. D.



MECHANIKA

kinematika x dynamika

KINEMATICKA ANALYZA - CHRONOMETRIE



<https://www.salford.ac.uk/courses/undergraduate/sports-science-foundation-year>



dreamstime.com

ID 15129371 © Andy Nowack

KINEMATICKA ANALYZA - GONIOMETRIE

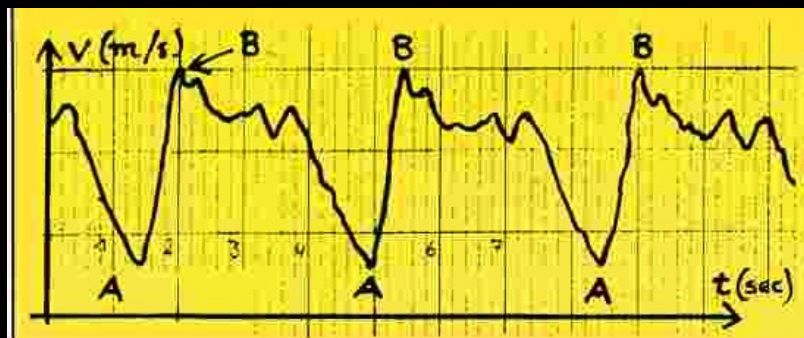
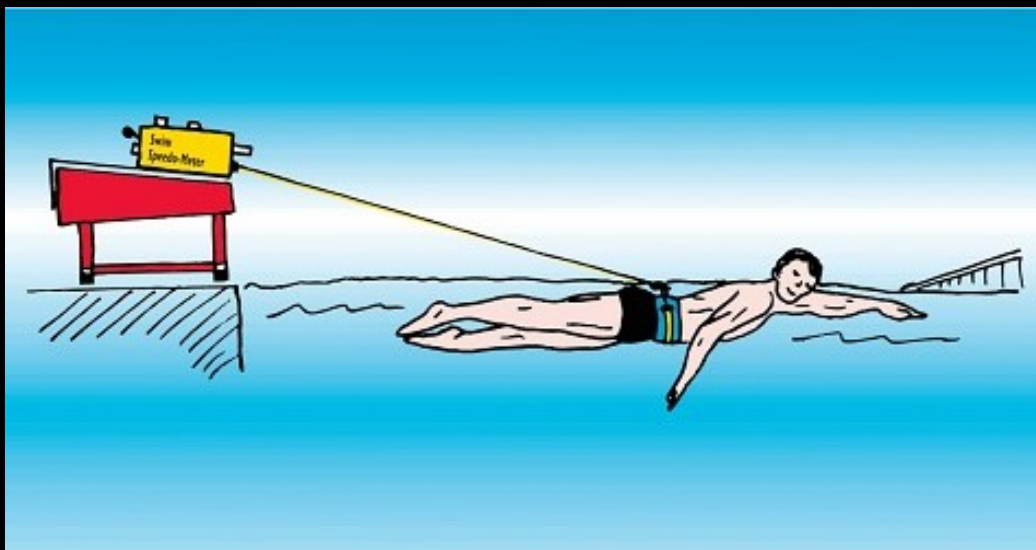


<http://www.nexgenergo.com/medical/biosensors.html>

KIN

SPEEDOMETRIE

SPEEDOMETR



KIN

SPEEDOMETRIE

TACHOMETR, TACHOGRAF, RADAR



https://www.irozhlas.cz/zpravy-domov/interaktivni-mapa-kde-si-dat-pozor-na-automaticke-mereni-rychlosti-v-praze-201605180504_jcibulka

https://rivalenti.cz/p/vodeodolny-lcd-tachometr/?gclid=CjwKCAjwp6CkBhB_EiwAIQVvyxbjkrJLWuD-3GkvX-2RH0yA6iGxATwtgPpkOR5pYZG5zCbZGnSjbFBoCxygQAvD_BwE
<https://www.eprodoma.cz/doplňky-na-kolo/mechanicky-retro-tachometr-pro-jizdni-kola/>

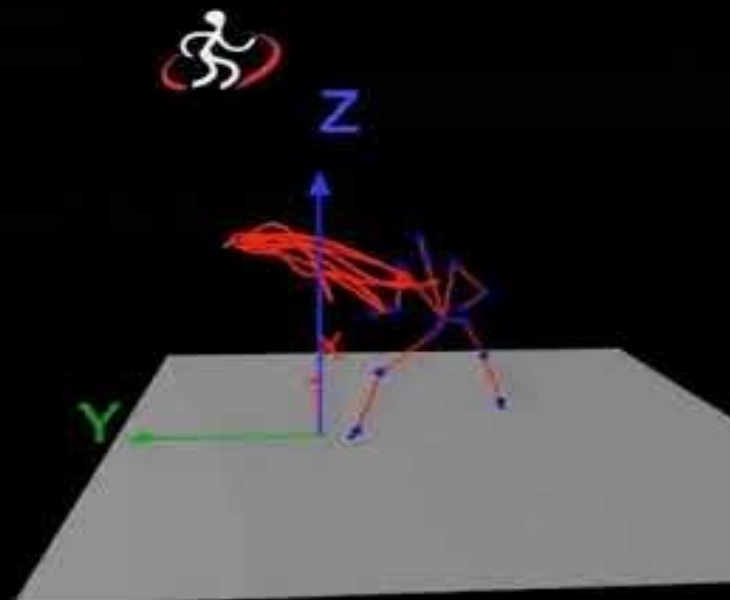


INERCIALNI SENZORY (AKCELEROMETR + GYROSKOP + MAGNETOMETR)



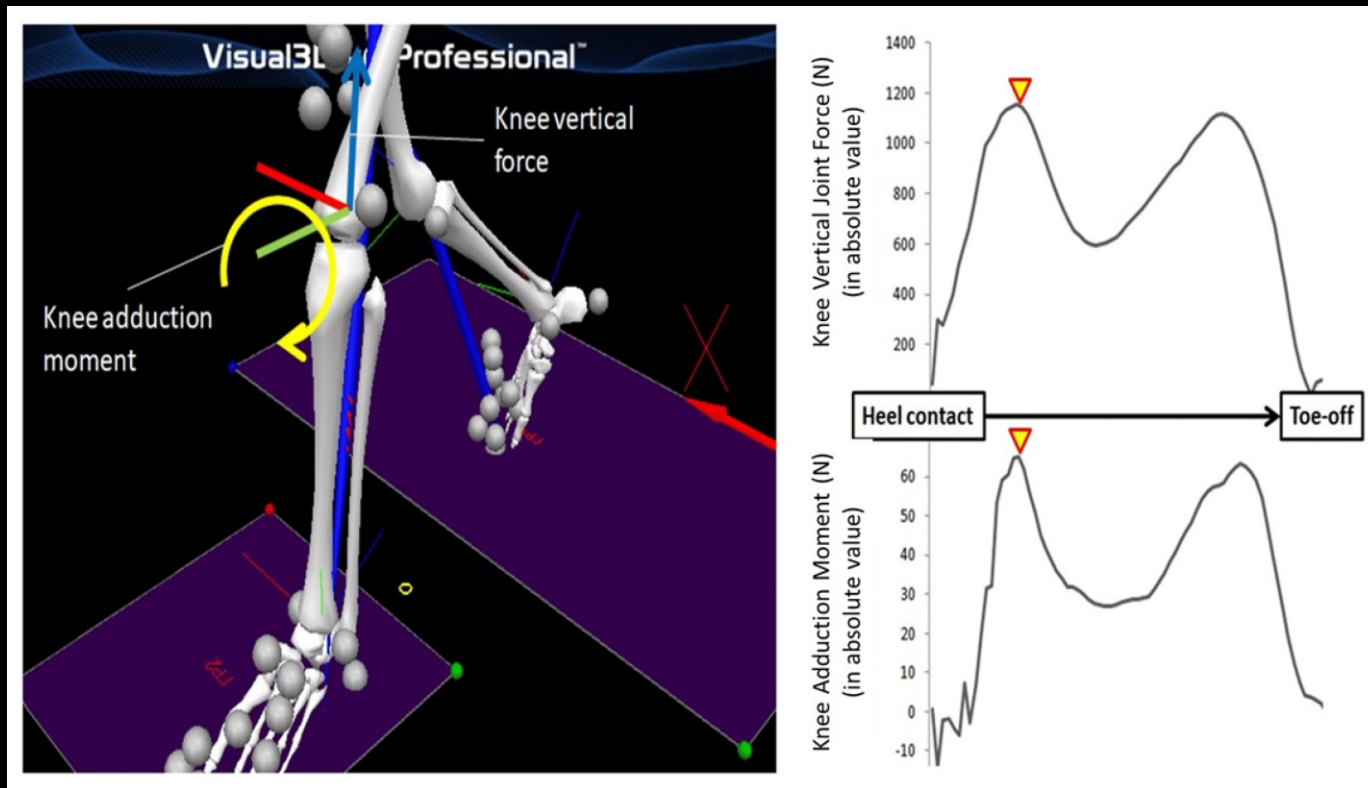
<https://www.himb.hawaii.edu/ReefPredator/Accelerometer.html>
<https://www.wearable.com/wearable-tech/myotest-biomechanics-wrist-wearables-running-1232>
<https://dailyburn.com/life/tech/xmetrics-swimming-workouts-tracker/>
https://www.researchgate.net/figure/Xsens-MVN-consists-of-17-inertial-and-magnetic-motion-trackers-Data-from-wireless-MVN_fig1_324007368
<https://cornershop-immersion.com/en/capture-interaction/260-xsens-metagloves-manus.html>

KINEMATOGRAFICKÁ METODA



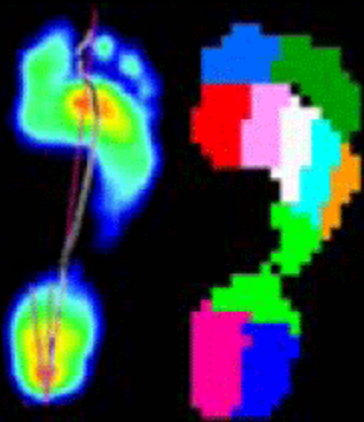
<https://www.youtube.com/watch?v=twaYkkcJsqY>

DYNAMOMETRIE, DYNAMOGRAFIE

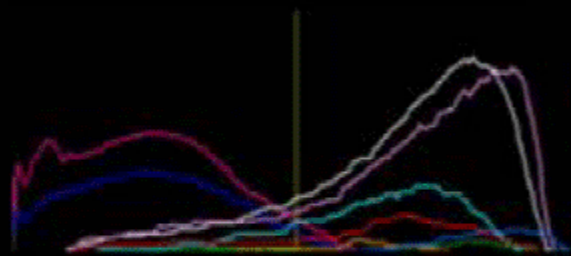


DYNAMICS

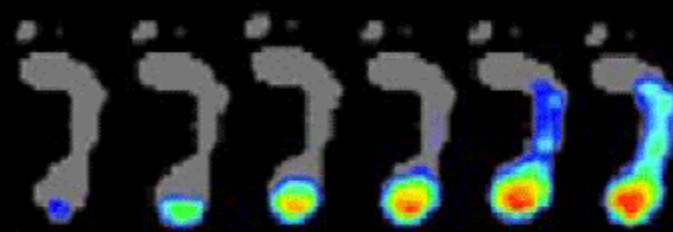
PEDOBAROGRAPHIE, PLANTOGRRAFIE



A)



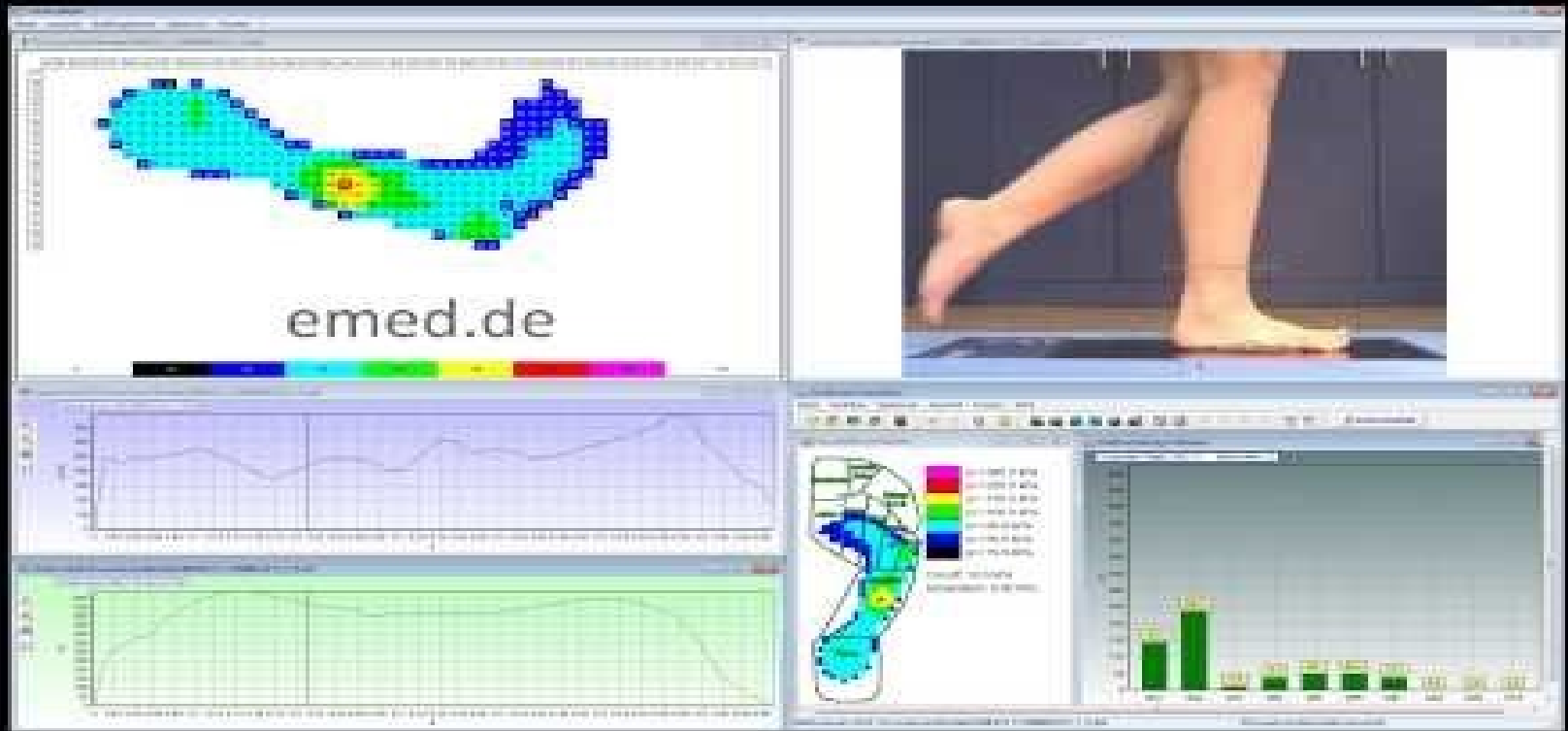
20%
.5 KN



B)



<https://www.novelusa.com/emed>



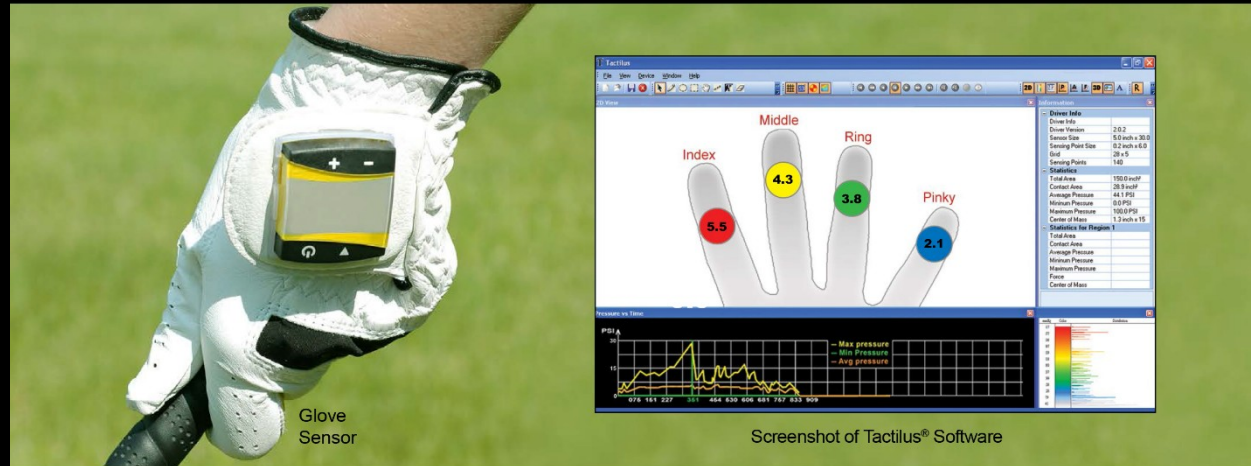
<https://www.youtube.com/watch?v=6lzAIXRNO5A>

DALŠÍ SYSTÉMY

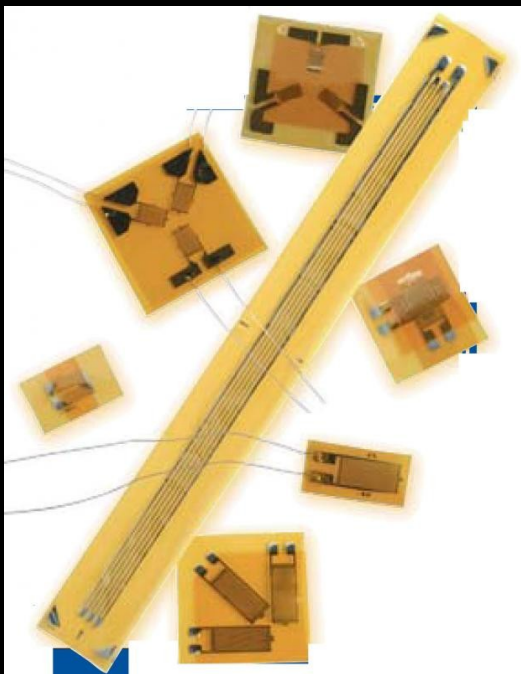


<https://www.kistler.com/INT/en/sports-science-and-performance-analysis/C00000069>

<https://www.sensorprod.com/tactilus/hand-grip-pressure.php>



TENZOMETRIE – ODPOROVE SNIMACE



<https://www.wsj.com/articles/uneven-bars-tokyo-olympics-sunisa-lee-11627806527>

<https://automatizace.hw.cz/foliive-odporove-tenzometry-princip-provedeni-pouziti-historie.html>