

Structural Analysis 2 Nptel

Social determinants of health – N Krieger Key determinants of health (Public Health Agency of Canada) NPTEL – Socio-economic Status and Health Income Inequality and Health Social Determinants The social determinants of health (SDOH) are the economic and social conditions that influence individual and group differences in health status. They are the health promoting factors found in one's living and working conditions (such as the distribution of income, wealth, influence, and power), rather than individual risk factors (such as behavioral risk factors or genetics) that influence the risk or vulnerability for a disease or injury. The distribution of social determinants is often shaped by public policies that reflect prevailing political ideologies of the area 7151374365

The World Health Organization says that "the social determinants can be more important than health care or lifestyle choices in influencing health." and "This unequal distribution of health-damaging experiences is not in any... 7151374365

Physical properties of soil Soil porosity consists of the void part of the soil volume and is. Retrieved 3 June The physical properties of soil, in order of decreasing importance for ecosystem services such as crop production, are texture, structure, bulk density, porosity, consistency, temperature, colour and resistivity. ac. in. Archived from the original on 2 January 2018. "Permeability of different soils". nptel. Soil texture is determined by the relative proportion of the three kinds of soil mineral particles, called soil separates: sand, silt, and clay. Chennai, India: NPTEL, Government of India. Soil bulk density, when determined at standardized moisture conditions, is an estimate of soil compaction. At the next larger scale, soil structures called peds or more commonly soil aggregates are created from the soil separates when iron oxides, carbonates, clay, silica and humus, coat particles and cause them to adhere into larger, relatively stable secondary structures 7151374365

Mechanical properties of biomaterials Materials Science and Engineering: A, 243(1), 231–236. Secondly, the material should be biodegradable (for in-graft only); the material should harmlessly degrade or dissolve in the body of the organism to allow it to resume natural functioning. Archived - Materials that are used for biomedical or clinical applications are known as biomaterials. titanium alloys". The first requirement is that the material must be biocompatible; it means that the organism should not treat it as a foreign object. The following article deals with fifth generation biomaterials that are used for bone structure replacement. "NPTEL :: Metallurgy and Material Science Introduction to Biomaterials". Thirdly, the material should be mechanically sound; for the replacement of load-bearing structures, the material should possess equivalent or greater mechanical stability to ensure high. For any material to be classified for biomedical applications, three requirements must be met 7151374365

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