

## Interest in DIP

## II.1. Overview

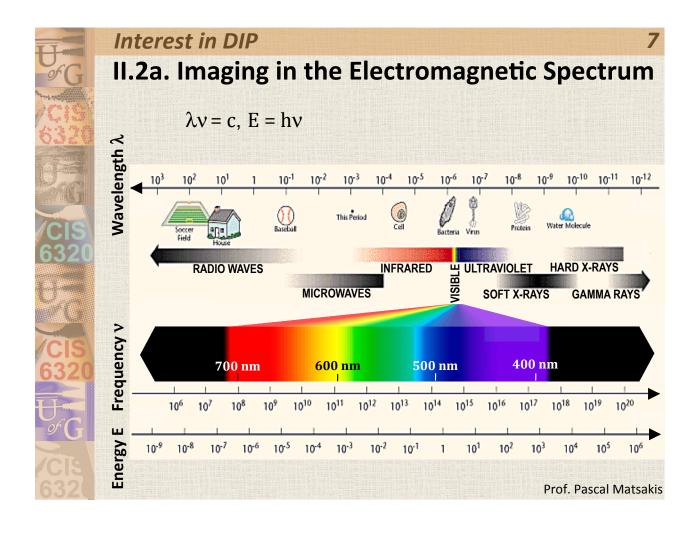
**Applications in many fields:** medicine, geography, physics, astronomy, defense...

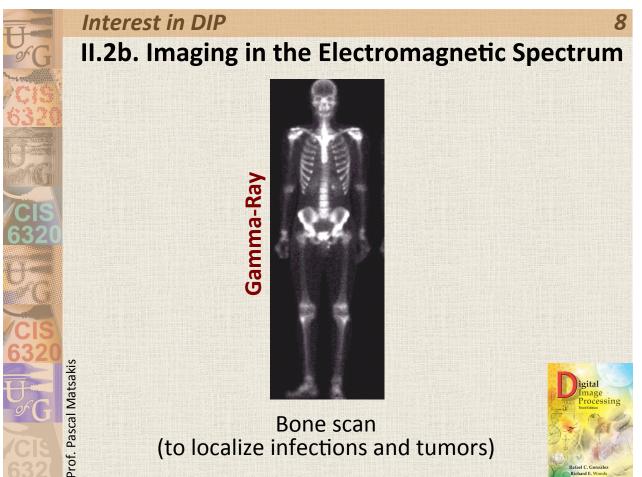
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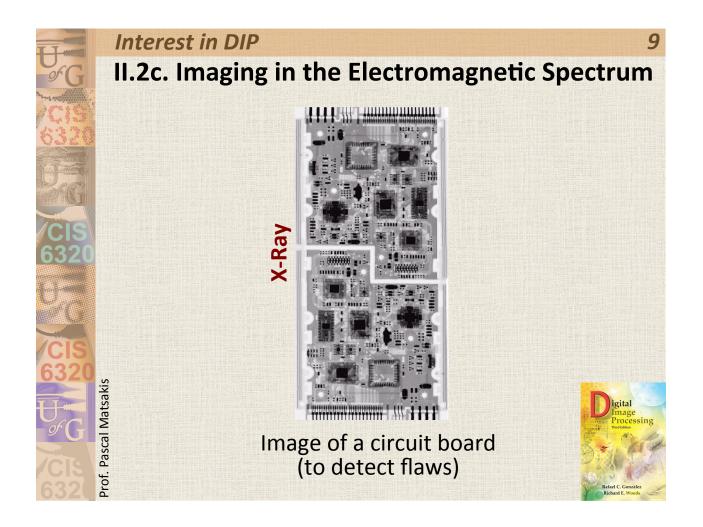
## **Examples:**

character recognition, fingerprint recognition, target recognition, weather prediction, crop assessment, detection of bone fractures, detection of brain tumors, study of high-energy plasmas...

Prof. Pascal Matsakis





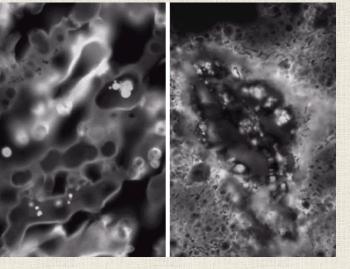


## Interest in DIP

II.2d. Imaging in the Electromagnetic Spectrum

Ultraviolet

Prof. Pascal Matsakis



Fluorescence microscope images of corn (to find if corn is infected by smut)



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