The Hanavan model is a multi-segment model consisting of 15 rigid segments. It was developed by E. P. Hanavan (1964): *Mathematical model of the human body. AMRL-TR-64-102, Wright-Patterson Air Force Base, Ohio.*
The segments are:
cylinders with elliptical bases for lower trunk and upper trunk, rotational ellipsoid for the head, spheres for the hands, and truncated cones for the upper arms, forearms, thighs, tibias, feet.