

endpts curves surfaces

$$\text{Ex Rewrite } \int_0^1 \int_0^y \int_0^{\sqrt{1-y^2}} f(x,y,z) dz dx dy$$

as $\iiint f(x,y,z) dy dx dz.$

project onto xz -plane.

First: DRAW THE REGION

hint: start w/ outer two integrals.

