cullWholeElements = true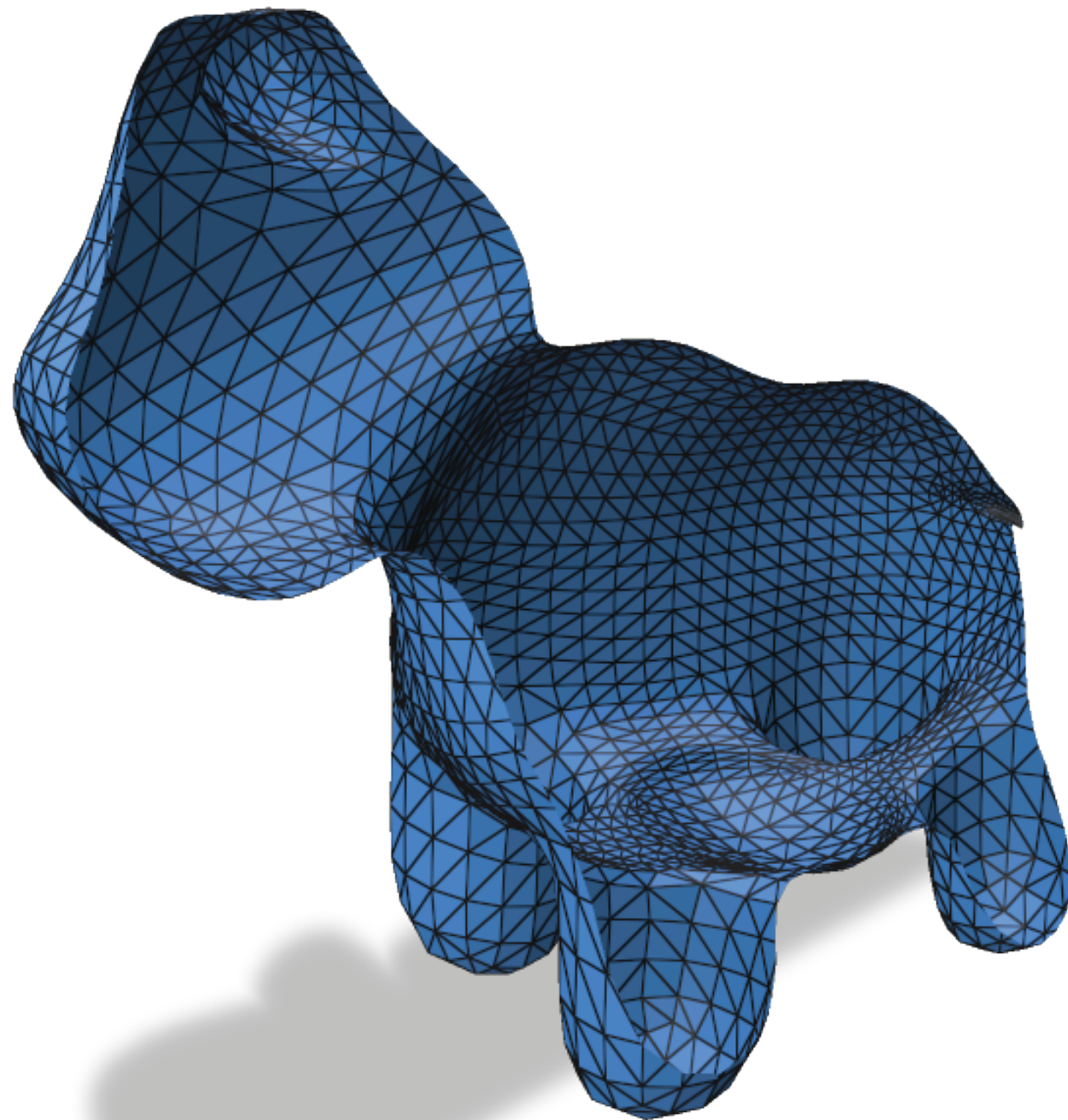   cullWholeElements = false