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1. 元=で-2ずけるで、 び=-2でけず -4で、び=-で-2ドナ2で
(のでは)=(-2で+データを)+(-マーンデ+2を)=-3で-デー2を②・
     \vec{k} \cdot (\vec{r} + \vec{k}) = (\vec{r} - 2\vec{f} + 3\vec{k}) \cdot (-3\vec{r} - \vec{f} - 2\vec{k})
    \cos \theta = \frac{\vec{n} \cdot (\vec{v} + \vec{n})}{|\vec{n}| |\vec{v} + \vec{n}|} = \frac{-7}{14} = \frac{-7}{14} = \frac{-1}{14} \Rightarrow \theta = 120^{\circ} (2)
Volume of parallelepiped (n, V, W) = (n · (V × W))

\vec{V} \times \vec{W} = (-2\vec{C} + \vec{J} - 4\vec{K}) \times (-\vec{C} - 2\vec{J} + 2\vec{K}) - \vec{K}

= 2(\vec{C} \times \vec{C}) + 4(\vec{C} \times \vec{J}) - 4(\vec{C} \times \vec{K}) - (\vec{J} \times \vec{K}) - 2(\vec{J} \times \vec{J}) + 2(\vec{J} \times \vec{K}) + 8(\vec{J} \times \vec{J}) - 8(\vec{J} \times \vec{K}) - 8(\vec{J} \times \vec{K})

                 = - 67+87 +56 3
      \vec{v} = \vec{v} \cdot (\vec{v} \times \vec{v}) = (\vec{v} - 2\vec{f} + 3\vec{k}) \cdot (-6\vec{v} + 8\vec{f} + 5\vec{k})
      (V = |\vec{x} \cdot (\vec{y} \times \vec{w})| = |\vec{y} \cdot (-6)| + (-2)(8) + (3)(5) = -6 - |6| + |5| = -7
\frac{2(0)}{[0]} \int \frac{\int x + 1}{x} = \int \left[ x^{-\frac{1}{2}} + x^{-1} \right] dx = \frac{x^{-\frac{1}{2}}}{-\frac{1}{2} + 1} \int \frac{1}{(0)} dx = \frac{x^{\frac{1}{2}}}{(0)} + \ln|x| + C = 2x^{\frac{1}{2}} + \ln|x|
 (b) \int (2x-1)e^{-x}dx = \int (2x-1)d(-e^{-x}) = (2x-1)(-e^{-x}) - \int (-e^{-x})d(2x-1) = (2x-1)(-e^{-x})
          = -(2x-1)e^{-x} + \int e^{-x} 2dx = -(2x-1)e^{-x} + 2\frac{e^{-x}}{-1} + C
         = - (2x-1)e^{-x} - 2e^{-x} + C_{\Phi}

substitutin (x-1)^2 = 4 \tan \theta or x = 1 = 2 \tan \theta
 (c) \int \frac{dx}{\int x^2 - 2x + 5} = \int \frac{dx}{(x-1)^2 + 4}
                                                                     dx = 2 sec 20 d0 0
                                                             \sqrt{(x-1)^2+4} = \sqrt{4 \tan^2 \theta + 4} = 2\sqrt{4 \tan^2 \theta} = 26
       = \int \frac{2 \sec^2 \theta \, d\theta}{2 \sec \theta} = \int \sec \theta \, d\theta = \ln|\sec \theta + \tan \theta| + C
       = \ln \left( \frac{|X-1|^2+4}{2} + \frac{X-1}{2} \right) + C = \ln \left| \frac{|X^2-2X+5|}{|X^2-2X+5|} + X-1 \right| + C
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