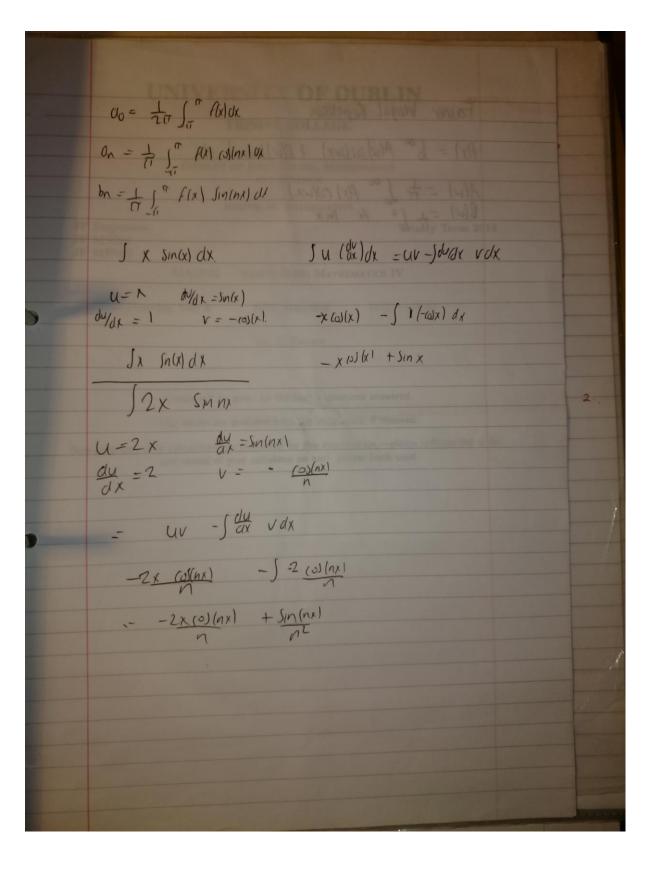


10. Find the subset of rectors that form a body of their span

u1 = (1,0,1) u2 = (-1,0,-1) u3 = (2,0,2) (101) Ritri (100) 65-2n (101)
(202) (202) Subjet & U, 3 forms a basis of their spon U1 = (2,1,-1) U2 = (4,0,1) U5 = (4,1,1)  $\begin{pmatrix}
2 & 1 & -1 \\
1 & 0 & 1
\end{pmatrix}
\begin{pmatrix}
2 & 1 & -1 \\
1 & 0 & 1
\end{pmatrix}
\begin{pmatrix}
4_3 & -2r_1 & 2^2 & 1 & -1 \\
1 & 0 & 1
\end{pmatrix}
\begin{pmatrix}
2 & 1 & -1 \\
1 & 0 & 1
\end{pmatrix}
\begin{pmatrix}
1 & 1 & 1 & 1 \\
0 & -1 & 2
\end{pmatrix}
\begin{pmatrix}
1 & 1 & 1 & -1 \\
0 & -1 & 2
\end{pmatrix}
\begin{pmatrix}
1 & 1 & -1 & 1 \\
0 & -1 & 2
\end{pmatrix}
\begin{pmatrix}
1 & 1 & -1 & 1 \\
0 & -1 & 2
\end{pmatrix}
\begin{pmatrix}
1 & 1 & -1 & 1 \\
0 & 1 & -3 \\
0 & 0 & -1
\end{pmatrix}$   $\begin{pmatrix}
1 & 1 & -1 & 1 \\
0 & 1 & -3 \\
0 & 0 & -1
\end{pmatrix}$  $= \frac{7}{0} \left( \frac{1}{0} \frac{1}{10} \right) = \frac{1}{0} \left( \frac{0}{0} \frac{1}{0} \right)$ Sult tu, uz, us 3 him a bost of kersper



Fourier Inlegal Representation P(x) = 600 A(w) PS(wx) + B(w) Sn/wx ) du Blul = to be fix mx