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axis([min(aa([1,3]))-1,max(aa([2,4]))+1,min(aa([1,3]))-1,...
      max(aa([2,4]))+1])
title('Vectores originales')
subplot(132)
hold off
h=plot(Ox(1,:),Ox(2,:), 'b--*',Oy(1,:),Oy(2,:),...
      'b--*',Oz(1,:),Oz(2,:), 'b--*');
set(h,'LineWidth',2)
hold on
h=plot(Ox(1,:),Ox(2,:), 'r:',xy(1,:),xy(2,:), 'r:',Oxy(1,:),...
      Oxy(2,:), '-m*');
set(h,'LineWidth',2)
h=plot(Oxy(1,:),Oxy(2,:), 'g*',xyMz(1,:),xyMz(2,:), ':m*');
set(h,'LineWidth',2)
h=plot(Oxyz(1,:),Oxyz(2,:), '--c*');
set(h,'LineWidth',2)
text(x(1)/2,x(2)/2, '\bf x');
text(y(1)/2,y(2)/2, '\bf y');
text(z(1)/2,z(2)/2, '\bf z');
text(xy(1,2)/2,xy(2,2)/2, '\bf x+y');
text(xyMz(1,2)/2,xyMz(2,2)/2, '\bf (x+y)+z')
grid
axis square
axis tight
aa=axis;
axis([min(aa([1,3]))-1,max(aa([2,4]))+1,...
      min(aa([1,3]))-1, max(aa([2,4]))+1])
title('Suma de vectores, (x+y)+z')
hold off
subplot(133)
hold off
h=plot(Ox(1,:),Ox(2,:), 'b--*',Oy(1,:),Oy(2,:),...
      'b--*', Oz(1,:),Oz(2,:), 'b--*');
set(h,'LineWidth',2)
hold on
h=plot(Oy(1,:),Oy(2,:), 'r:',yz(1,:),yz(2,:), 'r:',Oyz(1,:),...
      Oyz(2,:), '-m*');
set(h,'LineWidth',2)
h=plot(Oyz(1,:),Oyz(2,:), ':g*',yzMx(1,:),yzMx(2,:), ':m*');
set(h,'LineWidth',2)
h=plot(Oxyz(1,:),Oxyz(2,:), '--c*');
set(h,'LineWidth',2)
text(x(1)/2,x(2)/2, '\bf x');
text(y(1)/2,y(2)/2, '\bf y');
text(z(1)/2,z(2)/2, '\bf z');
text(yz(1,2)/2,yz(2,2)/2, '\bf y+z');
text(yzMx(1,2)/2,yzMx(2,2)/2, '\bf x+(y+z)')
grid
axis square
axis tight
aa=axis;
axis([min(aa([1,3]))-1,max(aa([2,4]))+1,min(aa([1,3]))-1,...
      max(aa([2,4]))+1])
title('Suma de vectores, x+(y+z)')
hold off
disp('Oprima alguna tecla para continuar figura 3');
pause;
% Distributividad de multiplicacion por escalar sobre suma de vectores
figure(3)
hold off

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