



**Subject and Author Address Indices of Papers Published in  
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**Prepared by /**

Prof Dr. Saeed A. Ba-Angood

Associate Prof Dr. Mohammed A. Hussein

Engineer Imran Sallam Mohammed

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**Prof Dr. Saeed. Ba-Angood  
Editor in Chief  
Associate Prof Dr. Mohammed A. Hussein  
Editorial Manager  
Engineer Iman Sallam Mohammed  
Technical Secretary**

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<b>128</b>	Modeling and performances comparison of two Real-Time Network Protocols	Mohammed Fadle Abdulla Al Badawi	E	7(3)	December 2003	545-556		

129	A photovoltaic power station for Gheil Bawazir Cultural Centre (Yemen) : A case study	Abdalla Bin Ghouth and A. Aziz Salem Bahaidra	E	7(3)	December 2003	557-562		
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5. ENVIRONMENT								
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130	Effect of disturbance on competition in semi natural pasture	A. S. Mahdi	E	3(1)	March 1999	22-32		
131	The influence of sewage water on the growth of wild plants, north of Sana'a- Republic of Yemen	H. Abulfatih, A. Nasher, B. Yasseen. K. Abed and M. Al- Mofti	E	4(1)	March 2000	123-134		
132	Water pollution of some wells with sewage and its suitability for drinking and irrigation in Tareem city	A. M. Ba- Momin, M. A. Al- Bar and H. A. Ba- Raga	A	4 ( 2)	September 2000	293-324		

<b>133</b>	Preliminary investigation on the sewage treatment plant of Al- Hawtah city	Hana A. Mohamed and Abdel Hamid Saqran	A	5 (1)	March 2001	55-70		
<b>134</b>	The effect of ecological factors on the growth and dynamics of the coastal vegetation cover of the Abyan Governorate	Wadie A. G. Saeed and Mohamed Y. Al- Subai	A	5 (1)	March 2001	71-83		
<b>135</b>	Crater wells- their sources and their chemical and bacteriological properties	T. A. Fadhl, A. Y. Luqman and S. A. Mohammed	A	5(2)	September 2001	253-270		
<b>136</b>	A study of pollution extent in some drinking water resources by heavy elements in Hadramout Governorate	Sa'ad Ba- Rheyhan	A	5(2)	September 2001	271-286		
<b>137</b>	Drainage basin management, development of potential water resources and	Saleh Mohamed Ba- Asher	A	6(1)	April 2002	43-62		

	desertification control in Wadi Hadramout							
<b>138</b>	Natural wild flora and vegetative composition of Bana Delta ( Abyan – Yemen)	Abdul-Hakim Abdul-Ghani, Wadie Abdul-Ghani and Mohammed Abdulla Hussein	E	6(1)	April 2002	119-128		
<b>139</b>	The effect of rainfall variability on the growing of <i>Quercus agilops</i> , <i>Q. coccifera</i> and <i>Pinus halepensis</i> in Wadi Shoaib Basin-Jordan	Hassan Abu Samour	A	6(3)	December 2002	533-552		
<b>140</b>	Biodiversity of insect fauna in Mahrah Governorate, Republic of Yemen	Ahmed M. A. Sallam and Abdullah M. Ghaleb	E	7(1)	April 2003	113-121		
<b>141</b>	A contribution to the study of the flora of Hauf and Jadib (Al – Mahrah, Yemen)	Mohammed Abdulla Hussein	E	7(2)	August	299-307		
<b>142</b>	Plant association along Aden-Shuqrah Highway (Yemen)	Mohammed Abdulla Hussein and AbduHakim Abdul-Ghani	E	7(3)	December 2003	485-490		

<b>6. FOOD SCIENCES</b>								
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<b>144</b>	Processing of pumpkin at Belad Alross District and consumer preference	O. S. Khanbari and Z. S. Bin Hayder	A	3 ( 2)	September (1999)	13-21		
<b>145</b>	The possibility and acceptability of mixing honey with some local products	M. A. AL Kathiri and M. S. Khanbash	A	4(2)	September 2000	247-258		
<b>146</b>	The current nutritional status among pregnant and lactating women in the capital's Secretariat,	Hamood K. Al-Makhlafi	E	5(1)	March 2001	169-188		

	Republic of Yemen							
<b>147</b>	Extraction of syrup ( Dips) from dates and raisin	M. A. Al-Kathiri and Y. S. Madhi	A	5(2)	September 2001	245-250		
<b>148</b>	Manufacturing of date vinegar and studying its physical and chemical properties	Y. S. Madhi	A	6(2)	August 2002	249-259		
<b>149</b>	Effects of isolation methods and packing materials on organoleptic characteristics of <i>Ziziphus spina christi</i> honey	M. A. Al-Kathiri	A	7(1)	April 2003	15-24		
<b>150</b>	The study of the most important chemical and rheological properties for some flours of local and imported wheat grains	Mohamad S. Al-Mussali and Belquis H. Basharahil	A	7(1)	April 2003	37-44		

<b>7. GEOLOGY</b>								
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<b>152</b>	Engineering geological characteristics of volcanic sequences of Gold Mohr in Aden/Yemen	Omar A. Ba- Abbad and Thanoon H. Al-Dabbagh	E	4 (1)	March 2000	135-146		
<b>153</b>	Ground water recharge possibilities in arid region: A case study of Yemen	Khalid Ahmed Al-Suba'i	E	5(1)	March 2001	191-198		
<b>154</b>	Morphometric analysis of the drainage basin of the Yarmouk river in the Jordan Rift	Y. Abu- Rukah and H. El-Akhal	E	5(2)	September 2001	429-444		
<b>155</b>	Geology of the area south of Ataq-Shabwa/Yemen	Mustafa Rasheed al-Obydee and Thanoon Hamid Al _ Dabbagh	A	5(2)	September 2001	331-350		
<b>156</b>	Tectonic	Thanoon H. Al-	A	7(1)	August	73-80		

	engineering study of rock full-Khamer Area – South Ataq, Yemen	Dabbagh and Mustafa Rasheed Al- Obaydee			2003			
<b>8. MARINE SCIENCES</b>								
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157	Elemental composition of some marine algae from Hadramout Coast- Republic of Yemen	S.A. Ba-Naimoon	E	1(1)	June (1996)	67-80		
158	Effect on the phytoplankton pigments due to the activity of industrial and sewage wastes at Aden Bay (Yemen)	G. Ba-Fana and F. M. Mutlag	E	3(1)	March 1999	93-99		
159	Bioaccumulation of iron and lead in the soft tissue of some marine mollusks and associated sediment at Labor Island , Aden – Yemen.	Anis A. Ali and Aqil Abdulrahman Baharoon	A	4 (1)	March 2000	81-88		

<b>160</b>	Variations in the relationship between phosphate and oxygen in the central part of the Gulf of Aden	A. Al sayed and S. Elias	E	5(2)	September 2001	447-452		
<b>161</b>	The appearance of <i>Penaeus indicus</i> Fry along Hadramout sea shore Creek habitats and aquaculture potential	S. A. Ba- Naimoon, C. Regunathan, A. Rodrigues and M. R. Kitto	E	5(2)	September 2001	453-460		
<b>162</b>	Further analysis of descriptive parameters in the zonation of the vertebral axis in fresh water triploid trout ( <i>Salmo fario</i> L.) (Teleostei, Salmonidae)	Mohamed Yassin Ramzu	E	6(2)	August 2002	335-352		
<b>163</b>	Natural occurrence of the tiger prawn <i>Penaeus monodon</i> in the Yemen Coast	S. A. Ba-Naimoon	E	6(2)	August 2002	353-358		
<b>164</b>	Inter-species variations in metal concentrations in the soft tissue of some mollusks from the	A. A. Ali and A. A. Ba-Haroon	E	6(3)	December 2002	597-607		

	coast of Aden Governorate							
<b>165</b>	Preliminary experiment in culturing the seaweed <i>Gracilaria verrucosa</i> in the open sea water of Hadramout (Yemen)	S. A. Ba-Naimoon	E	7(3)	December 2003	491-496		
<b>166</b>	<i>Halophila stipulacea</i> (Forsk.) Ascherson : New record from the south of Arabia/Northern coast of the Gulf of Aden	Gamal M. Bawazir	E	7(3)	December 2003	603-607		

<b>9. MATHEMATICS</b>								
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<b>168</b>	On $\alpha$ – perfect and $\alpha$ –perfect mappings	Abdulla BinShahna and Anter A. Assayad	E	4(2)	September 2000	429-433		
<b>169</b>	Viscous inhomogeneous layer under an inhomogeneous field	Akhtar A. Ghafoor and Jaber A. H. Al-Khalaqui	E	6(2)	December 2002	611-620		
<b>170</b>	Variation of shock strength along the ray in a thermally conducting and radiating gas	Anwar Bassaif	E	6(2)	December 2002	621-627		
<b>171</b>	Bolzano-Weierstrass property in fuzzy topology	Abdulla S. Bin Shahna and Awad H. Albekri	E	7(1)	April 2003	135-140		
<b>172</b>	Contour integral representations for Appells Functions with use of Fractional Differintegration	Maged G. Bin-Saad	E	7(2)	August 2003	311-320		
<b>173</b>	Bounded functions and the R-integral	Anter A. Assyad	A	7(3)	December 2003	451-455		
<b>174</b>	Weisner's method to obtain generating	Mohannad J. S. Shahwan	E	7(3)	December 2003	525-532		

	functions for the Phase Space Hermite Polynomials							
175	Hydromagnetic instability of an inhomogeneous viscous fluid in a heterogeneous magnetic field	Akhtar A. Ghafoor	E	7(3)	December 2003	533-541		

10. MEDICINE								
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176	Frequency of thyroid carcinoma in southeastern Yemen	G. Abdul Hamid, A. Bawzir and M. S. Tayeb	E	2(1)	December 1998	129-138		
177	Prevalence of blood groups in Aden populations	M. M. Mohsen, G. Abdul Hamid and A. Abood	E	3 ( 2)	September (1999)	147-152		
178	Clinical aspects and treatment of severe malaria: experience at Al- Gamhoria	Gamal Abdul Hamid, Anisa Abood and N. A. Bin Ahmed	E	4 (1)	March (2000)	177-184		

	Teaching Hospital, Aden, Yemen							
<b>179</b>	Breast cancer in Yemen women	A. M. Al Hadrani, S. Al- Aulaqi and M. A. M. Qubaty	E	4 (1)	March (2000)	185-192		
<b>180</b>	Retrospective study of 319 deaths from Trauma in Al- Thawra Hospital	Mohamed A. Qubaty. Ahmed M. Al Hadrani, Mohmed H. Al- Sharagi. Abdulla M. Mugally and Abdulla A. Nasher	E	4 (1)	March (2000)	193-202		
<b>181</b>	Malignant lymphoma in southwestern governorates of Yemen	Gamal Abdul Hamid, Amin A. Bawazir and Mohamed S. Tayeb	E	4 (1)	March (2000)	203-211		
<b>182</b>	Hemophilia problem in Yemen: A study of hemophilia in an extended family at Lahej Province in Yemen Republic	Mahmood M. Mohsen, Gamal Abdul Hamid and Hanan H. Omer	E	4(2)	September 2000	437-445		
<b>183</b>	The undescended testicle	Abdulla A. Karama Musa	E	5(1)	March 2001	201-206		
<b>184</b>	Our experience of emergency Oesophago-Gastro- Duodenoscopy in patients with upper digestive bleeding	Riyadh N. M. Hati, Ali M. Al- Nawi and Ali Karama	E	5(1)	March 2001	207- 217		

<b>185</b>	Cutaneous leishmaniasis of the lip mimicking carcinoma : Two cases report	Hussun Saeed Jezan	E	5(1)	March 2001	223-227		
<b>186</b>	Current experience of surgical management of bleeding oesophageal varices in Al- Gamhouria Teaching Hospital	Ali M. Al- Nawi, Riadh N.M. Hati and M. S. Al- Tayyeb	E	5(2)	September 2001	465-472		
<b>187</b>	Urinary bladder tumors ( Retrospective study)	Abdulla A. Karama Musa	E	5(2)	September 2001	473-479		
<b>188</b>	Retrospective study of abdominal wall hernias in patients of Al-Gamhouria Teaching Hospital during 10 years period 1987-1996	Riyadh N. M. Hati	E	6(1)	April 2002	199-212		
<b>189</b>	Variations in Zinc and Copper Concentrations in hair in a group of adolescents with Schistosomiasis	Saleh Abdulla Al- Attas and Zaid Salem Qahtan	E	6(1)	April 2002	213-218		
<b>190</b>	Seroprevalence of hepatitis B S	Khalida Anwer Yousef	E	6(1)	April 2002	219-230		

	Antigen among health workers in Aden Governorate September 97							
<b>191</b>	Pneumatosis cystoides intestinalis (Case Report)	Mohammed S. Tayyeb, Riyadh N. M. Hati and Ali M. Al -Nawi	E	6(1)	April 2002	243-248		
<b>192</b>	The surgical treatment of intractable ascites by modified Neumanns and Hassab's operations	Ali M. Al -Nawi	E	6(2)	August 2002	419-432		
<b>193</b>	Some epidemiological aspects of burn injuries in Al Gamhouria Teaching Hospital, Aden, Yemen 1995-2000	Ali M. Al-Nawi, Wael Raweh Abdulrab and Nabil Y. Saqran	E	6(2)	August 2002	433-444		
<b>194</b>	Investigation of a family with five autosomal dominant and three multifactorial genetic disorders appearing in 15 different phenotypes	Mahmood Mohammrd Muhsin	E	6(2)	August 2002	445-458		
<b>195</b>	New concept in	A. A. Karama and A.	E	6(2)	August	459-464		

	transversical Adenomectomy	G. Hizam			2002			
<b>196</b>	Peripheral lymphadenopathy histopathological study of 329 cases	Hussun Saeed Jezan	E	6(2)	December 2002	631-642		
<b>197</b>	Indapamide given in conjunction with captopril for treatment in severe hypertension	Hassan Karama Bin Talib	E	6(2)	December 2002	643-650		
<b>198</b>	The pattern of common cardiovascular diseases in Aden city, 1999	Amin Ahmed Bawazir	E	6(2)	December 2002	651-664		
<b>199</b>	Skin testing in tuberculosis: PPD or BCG test	Khalida Anwer Yousef, Mariam Taher and Asia Mulhi	E	7(1)	April 2003	173-180		
<b>200</b>	Cerebral malaria: Paraclinical study of infant and children in Al-Wahda Teaching Hospital, Aden. Jan-Dec, 1998	Anisa M. Abood and Mohamed Salem Ba-Azab	E	7(1)	April 2003	181-188		
<b>201</b>	Indapamide: a well tolerated and effective anti-hypertensive drug in	Hassan K. Bin Talib, Hussein Ahmed Bakathir and Ali Karama Bin Taleb	E	7(1)	April 2003	189-193		

	general practice							
<b>202</b>	Neonatal admission and outcome in Aden General Hospital : Three years experience (1996-1998)	Khalida Anwar Yousef	E	7(2)	August 2003	323-330		
<b>203</b>	The current status of pesticide use and application in Yemen- some of its health adverse exposition as obtained from main hospitals in Aden	Mahmud Mohammed Mohsin and Najat Mugahed A. Kader	E	7(2)	August 2003	331-338		
<b>204</b>	An observational study of two steroid regiments used in treatment of childhood Nephritic Syndrome in Aden	Khaled M. Al-Giffri and Sawsan O. Fadaq	E	7(2)	August 2003	339-346		
<b>205</b>	Congenital indifference to pain: A review article and a clinical case	Abdulnasser Ahmed Ali	E	7(2)	August 2003	347-356		
<b>206</b>	A 24-year old missed Intra-Uterine contraceptive device in the peritoneal cavity of a woman	Riyadh N. M. Hati, Abdulla Baodha and Ali Karama	E	7(2)	August 2003	397-399		

<b>207</b>	Cholelithiasis in patients treated in Al –Gamhouria Teaching Hospital: A retrospective study	Ali Karama Bin Talib	E	7(3)	December 2003	565-574		
<b>208</b>	Analysis of Goiters in patients treated in Al- Gamhouria Teaching Hospital	Abdulla Mohammed Baodha	E	7(3)	December 2003	575-580		
<b>209</b>	Prevalence of Hepatitis B Virus in hemodialysis patients: A study of risk factors	Salem A. Ben Silm	E	7(3)	December 2003	581-586		

<b>11. METEOROLOGY</b>								
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<b>210</b>	Analysis of rainfall probabilities in the arid and semi arid lands in Jordan	A. A. Ghanim	A	1(2)	December (1996)	23-40		
<b>211</b>	Using the standard deviation of October	Ali Ahmad Ghanem	A	6(1)	April 2002	65-75		

	and November rainfall as indicators to the annual rainfall in Jordan							
<b>212</b>	Some characteristics of air temperature conditions in Wadi Hadramout	Saleh Mohamed Baasher	A	6(2)	August 2002	299-312		
<b>213</b>	Temperature time series in Basrah city	Abdulla S. Ba-Masoud	E	7(2)	August 2003	359-365		
<b>214</b>	Some climatic effects of summer monsoon over the coastal strip of the southern and eastern parts of Yemen	Mohammed S. El-Mashjary and Abdulla S. Ba-Masoud	E	7(3)	December 2003	499-509		

<b>12. PARASITOLOGY</b>								
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<b>216</b>	Observation on some human endoparasites in Hadramout	S. H. Ba-Swaid	E	3 ( 2)	September (1999)	155-160		

<b>13. PHARMACOLOGY</b>								
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<b>217</b>	Bioequivalence studies on two brands of Ampicilin marked in Yemen	H. A. Ba- Kathir, R. H. Abdulla and G. M. Abdo	E	1(1)	June (1996)	109-121		
<b>218</b>	Doctors' prescribing practices in hospital out-patients departments in Aden	A. Abdo-Rabbo	E	1(2)	December (1996)	101-112		
<b>219</b>	Neutralization activity of some antacids marketed in Yemen	Hussein A. Ba-Kathir and Mohsen A. Al - Gahri	E	4 (1)	March (2000)	215-220		
<b>220</b>	Long term effect on Qat on liver function	Ahmed Abdo-Rabbo, Idris Eltayeb and	E	4(2)	September 2000	449-454		

		Mohammed Ba-Jubair						
<b>221</b>	The rationality of drug prescribing in public and private outpatient clinics in Aden	Hussein Ahmed Ba-Kathir	E	6(1)	April 2002	189-196		
<b>222</b>	The assay of Isoniazid in the Rifampicin & Isoniazid compound Tablet	Hadeel Abdulmalek Abdulmajid	E	6(2)	August 2002	409-416		
<b>223</b>	Enhancement of the cytotoxic activity of peripheral lymphocytes under the action of Para-aminomethylbenzoic acid amide (PAMBA-Amide)	Samira Abdulla Mahmood	E	6(3)	December 2002	667-673		
<b>224</b>	Comparison of suppressive activity of Berberine, Bepridil and Cpu-86017 on the vascular contraction in relation to calcium entry	Khan Hussien Hamed, Dai Dezai and Zhu Yi	E	7(2)	August 2003	369-376		
<b>225</b>	Effects of aqueous extracts of Peppermint, Fennel,	Sameera A. Mahmood, Nageeb A. Abbas and Roberto I. Rojas	E	7(2)	August 2003	377-384		

	Dill and Cumin on isolated rabbit duodenum							
226	Stability study of different brands of Amoxicilin oral suspensions	Mehdi A. Al- Haj and Hussein A. Bakathir	E	7(3)	December 2003	589-597		

14. PHYSICS								
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227	Evaluation of the conventional approaches to calculate the optical energy gap of amorphous Si and Ge	S. K. J. Al –Ani, A. Ibrahim and F. K. Al - Dhoki	E	4 (1)	March 2000	223-242		
228	A study of radon levels in the soils of Nasir's College of Agriculture - Yemen	Taher M. Ali, Hayel A. Ahmed and Abubaker A. Zumailan	A	4 (1)	March 2000	65-77		
229	Measurement of radon concentration	Taher M. Ali, Hayel A. Ahmed and Rukhsana	A	5 (1)	March 2001	87-102		

	in Taiz city dwellings - Yemen	M. Ismail						
<b>230</b>	Optical properties of the 8-13 $\mu\text{m}$ emission band in trapezium nebulula	Q. S. Majeed, S. K. J. Al- Ani and H. D. Jaffar	A	6(1)	April 2002	79-87		
<b>231</b>	Contribution of modulated DSC to study the thermal behaviour of PET Films drawn in hot water	Abubaker Zumailan	E	7(3)	December 2003	513-522		

<b>15. RENEWABLE ENERGY</b>								
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<b>232</b>	Energy status and energy conversation in Yemen	S. Bin Gadi and A. Mukbel	E	1(1)	June (1996)	47-66		
<b>233</b>	The possibility of solar drying of coffee in Yemen	M A Al-Kathiri and S. A. Al-Kaff	A	1 ( 2)	December (1996)	41-59		
<b>234</b>	Osmotic solar drying of grapes	M A Al-Kathiri	E	3 ( 2)	September (1999)	165-167		
<b>235</b>	Multi- purpose solar concentrator	Hussain Al- Towaie	E	4 (2)	September 2000	365-376		

<b>236</b>	Investigation of an eventual utilization of solar adsorption ice maker in Yemen	J. Abdul Aziz and F. Meunier	E	4 (2)	September 2000	377-390		
<b>237</b>	Status and prospects of PV solar energy in rural Yemen	S. M. Bin Gadi and A. S. Bin Ghouth	E	4 (2)	September 2000	391-396		

<b>16. VETERINARY</b>								
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<b>238</b>	The prophylactic and curative effect of Cider honey on peptic ulcer in rabbits	F. Abdilla , M. A. Abdulla and G. Abdulhamid	E	3(1)	March 1999	13-20		
<b>239</b>	Survey of the most important ectoparasite diseases in goats at Delta Tuban - Lahej	S. A. Al – Shabibi, S. Kasim and A. Ali	A	4(2)	September 2000	353-362		
<b>240</b>	Oberration of hydatid disease cases among	A. A. Ali, H. O. Bin Saleh and S. Al-Shabibi	A	7(3)	December 2003	401-407		

	slaughter – house animals							
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17. ZOOLOGY								
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241	Teratogenic effect of Qat extract and its combination with sublethal dose of thiabendazole fungicide on male and female swiss albino mice <i>Mus musculus domesticus</i>	A. A. M. Thabet	E	4(1)	March 2000	111-120		
242	The brown rat <i>Rattus norvegicus</i> (Berkenhout, 1769). A new record for the Republic of Yemen (Mammalia: Rodentia: Muridae)	Masaa M. Al- Jumaily	E	4 (2)	September 2000	467-469		
243	Some physiological responses and heat	Adem Abdulaziz Mohammed	E	7(2)	August 2003	387-391		

	tolerance of Friesian, local Zebu and F/Z cross breed cattle under hot climatic conditions in Yemen							
244	Study concerning the ravening ratio for ravenous of fresh water fish (seal) <i>Aphanis dispar</i> Repel on <i>Culex pipiens fatigans</i> the larva of house mosquito	H. A. A. Mutlah	A	7(3)	December 2003	427-434		